Journal of Applied Polymer Science

Author Index to Volume 97

Abayasinghe, N. K. See Shen, Z., 1736
Abdel Ghaffar, M. A. See Ashour, A. H., 867
Abd EL-Rehim, S. S. See Sayyah, S. M., 2076
Abdou, L. A. W. See Hakeim, O. A., 559
Abe, M. See Takeda, K., 620
Abedi, S.
—; Daftari-Besheli, M.; Shafiei, S.: Highly Active Ziegler–Natta Catalyst for Propylene Polymerization, 1744
Abedian, B.
—; Garcia-Godoy, F.; Garcia-Godoy, F.: A Study of Localized Curing of Glass-Filled Composites Using Microhardness Measurements, 426
Abou-Okeil, A. See Hakeim, O. A., 559
Abubakar, A. See Rozman, H. D., 1237
Abu Sharkh, B. F. See Ali, S. A., 1298; Chaudhry, R. A., 1432
Acierno, S.
—; Van Puyvelde, P.: Rheological Behavior of Polyamide 11 with Varying Initial Moisture Content, 666
Afshari, M.
—; Kotek, R.; Gupta, B. S.; Kish, M. H.; Dast, H. N.: Mechanical and Structural Properties of Melt Spun Polypropylene/nylon 6 Alloy Filaments, 532
Aguilera, C. See Sáez, P., 1812
Aguino, D. I. See Smith, B. F., 1590
Ahmad, S. See Zafar, F., 1818
Ahmed, A. F. See Ibrahim, N. A., 1024
Ahn, K. H. See Hong, J. S., 1702
Ahn, S. D. See Yu, D.-G., 72
Akgöl, S. See Bereli, N., 1202
Alakhras, F. A.
—; Dari, K. A.; Mubarak, M. S.: Synthesis and Chelating Properties of Some Poly(amidoxime-hydroxamic acid) Resins Toward Some Trivalent Lanthanide Metal Ions, 691
Albérola, N. D. See Dubouloz-Monnet, F., 1038
Albertsson, A.-C. See Rajkhowa, R., 697
Aleperstein, D.
—; Artzi, N.; Siegmann, A.; Narkis, M.: Experimental and Computational Investigation of EVOH/Clay Nanocomposites, 2060
Ali, A. See Chowdhury, P., 2335
Ali, S. A.
—; Umar, Y.; Abu-Sharkh, B. F.: Amphiphilic Cycloterpolymers of Diallyldimethylammonium Chloride, Diallyloctadecylammonium Chloride, and Sulfur Dioxide, 1298
Al-Sarawy, A. A.
—; Potentiometric and Thermodynamic Studies of Vinylacetic Acid and Its Metal Complexes in Monomeric and Polymeric Forms, 952
Alves, N. See Camillo, E. C., 1498
Amin, M. B. See Chaudhry, R. A., 1432
Aminabhavi, T. M. See Mallikarjuna, N. N., 1868; Narayan, R., 518; Narayan, R., 1069
An, G. See Sun, B., 2215
An, J. H. See Yu, D.-G., 72
An, Q. F. See Qian, J. W., 1891
Anbarasan, R.
—; Babout, O.; Degueil, M.; Maillard, B.: Ester and Epoxide Functionalization of High-Density Polyethylene by Thermolysis Method—An FTIR Study, 761
—; Babout, O.; Degueil, M.; Maillard, B.: Functionalization and Cross-Linking of High-Density Polyethylene in the Presence of Dicumyl Peroxide—An FTIR Study, 766
Andreeva, D. V. See Elyashevich, G. K., 1410
Andrianopoulos, N. See Georgoulis, L. B., 775
Aneja, A. P.
—; Efficient Circumferential Superdrawing, 123
Aoyama, Y. See Irwan, G. S., 2469
Aranguren, M. I. See Mosiewicki, M., 825
Argyreas, T. See Sakkopoulos, S., 117
Arıca, Y. See Denizli, A., 1213
Arkas, M.
—; Eleades, L.; Paleos, C. M.; Tsiourvas, D.: Alkylated Hyperbranched Polymers as Molecular Nanosponges for the Purification of Water from Polycyclic Aromatic Hydrocarbons, 2299
Arndt, K.-F. See Atta, A. M., 80
Artzi, N. See Aleperstein, D., 2060
Ashour, A. H.
—; El-Sawy, N. M.; Abdel Ghaffar, M. A.; El-Shobaky, G. A.: Effects of Cobalt and Potassium Doping on Thermal Stability and Electrical Properties of Radiation Grafted Acrylic Acid Onto Poly(Tetrafluoroethylene Ethylene) Copolymer Films, 867
Ashraf, S. M. See Zafar, F., 1818
Asif, A. See Liang, H., 185
Asua, J. M. See do Amaral, M., 733
Atia, A. A.
—; Donia, A. M.; Yousif, A. M.: Comparative Study of the Recovery of Silver(I) from Aqueous Solutions with Different Chelating Resins Derived from Glycidyl Methacrylate, 806
Atta, A. M.
—; Arndt, K.-F.: Swelling and Network Parameters of High Oil-Absorptive Network Based on 1-Octene and Isodecyl Acrylate Copolymers, 80
Babout, O. See Anbarasan, R., 761, 766
Bae, C. See Kwag, G., 1279
Bae, J. W. See Hong, C. H., 2311; Hong, C. H., 2375
Bae, J. Y. See Yu, D.-G., 72
Baer, E. See Prattipati, V., 1361
Bahrami, S. H. See Sharifnejad, F., 1284
Bakar, A. A. See Solomon, S., 957
Balke, S. T. See Mourey, T. H., 627
Balu, K. See Latha, C. S., 1307
Bandi, S. See Prattipati, V., 1361
Banerji, M. See Chowdhury, R., 968; Das, P. K., 648
Bao, G. See Qi, C., 38

Barbosa, R. V.
—; Neto, R. B.; Mauler, R. S.; Gorga, C. J. P.; Schneider, C. G.; Simanke, A. G.: Dynamic–Mechanical Properties of Modified Poly(ethylene-co-vinyl Acetate), 1371
Barone, J. R.
—; Schmidt, W. F.; Liebner, C. F. E.: Thermally Processed Keratin Films, 1644
Baruah, S. D. See Saikia, P. J., 2140; Saikia, P. J., 2147
Batalla, L.
—; Nuñez, A. J.; Marcovich, N. E.: Particleboards from Peanut-Shell Flour, 916
Baysal, B. M. See Taşdelen, B., 1115
Bechtold, T. See Okubayashi, S., 1621
Bektaş, S. See Denizli, A., 1213
Benaboura, A. See Hattali, S., 1065
Bereli, N.
—; Akgöl, S.; Yavuz, H.; Denizli, A.: Antibody Purification by Concanavalin A Affinity Chromatography, 1202
Bertini, F.
—; Canetti, M.; Ricci, G.: Crystallization and Melting Behavior of *trans*-1,2-Syndiotactic Polypentadiene, 1970
Beuve, J. S. See Bonfils, F., 903
Billon, N. See Piorkowska, E., 2319
Bledzki, A. K.
—; Faruk, O.: Effects of the Chemical Foaming Agents, Injection Parameters, and Melt-Flow Index on the Microstructure and Mechanical Properties of Microcellular Injection-Molded Wood-Fiber/Polypropylene Composites, 1090
Bliard, C. See Follain, N., 1783
Bo, S. See Liu, Y., 232
Bondioli, F.
—; Cannillo, V.; Fabbri, E.; Messori, M.: Epoxy-Silica Nanocomposites: Preparation, Experimental Characterization, and Modeling, 2382
Bonfils, F.
—; Doumbia, A.; Char, C.; Beuve, J. S.: Evolution in the Natural Rubber Native Structure and Plasticity Retention Index from the First Tapping of Clonal Trees, 903
Bonin, H. W. See Brown, L., 2476
Borrajo, J. See Mosiewicki, M., 825
Boulanouar, L. See Kiass, N., 272
Branland, P. See Joly, N., 1266
Breuer, O.
—; Chen, H.; Lin, B.; Sundararaj, U.: Simulation and Visualization of Flow in a New Miniature Mixer for Multiphase Polymer Systems, 136
Brown, H. R. See Wang, H., 1097
Brown, L.
—; Bui, V. T.; Bonin, H. W.: Diffusion of Sulfuric Acid Solutions in Nylon 6,6 Monitored by Neutron Activation Analysis, 2476
Bui, V. T. See Brown, L., 2476
Bunia, I. See Luca, C., 930

Cai, T. See Guo, T., 1154
Cai, Z.
—; Sun, G.: Antimicrobial Finishing of Acrilan Fabrics with Cetylpyridinium Chloride: Affected Properties and Structures, 1227
Camillo, E. C.
—; Constantino, C. J. L.; Teruya, M. Y.; Alves, N.; Mattoso, L. H. C.; Job, A. E.: Dependence of the Electrical Conductivity and Elastomeric Properties on Sample Preparation of Blends of Polyaniline and Natural Rubber, 1498
Campbell, K. See Finnigan, B., 300
Canetti, M. See Bertini, F., 1970
Cannillo, V. See Bondioli, F., 2382
Cano-Vives, R. See Liska, R., 2286
Cao, J. See Zhang, H., 1695
Cao, X. See Gordon, S. H., 813
Cao, Y.
—; Shen, Z.; Lin, S.: Grafted Syndiotactic Polystyrene Synthesized via Melting Graft Copolymerization Used as a Compatibilizer for Immiscible Syndiotactic Polystyrene/Polyadimide 66 Blends, 1659
Cao, Y.-M. See Qin, J.-J., 227
Carbonnier, B.
—; Janus, L.; Deratani, A.; Morcellet, M.: Methacryloylpropyl–βCyclodextrin and Vinylpyrrolidone Copolymers: Synthesis and Characterization as Potential Chiral Selector, 2364
Carlson, B. J. See Smith, B. F., 1590
Castro, C.
—; Gargallo, L.; Leiva, A.; Radić, D.: Interactions in Blends Containing Chitosan with Functionalized Polymers, 1953
Caykara, T. See Eroğlu, M. S., 2132
Chai, S. See Zhang, J., 1681
Chakrabarti, R.
—; Chakraborty, D.: Studies on Engineering Properties of PVC–PMMA Semi-interpenetrating Polymer Networks, 1725
Chakrabarty, D. See Goswami, S., 2407
Chakraborty, B. C. See Manoj, N. R., 1763; Phadnis, S., 1426
Chakraborty, D. See Chakrabarti, R., 1725
Chandrasekhar, L. See Manoj, N. R., 1763; Phadnis, S., 1418
Chang, D.-H. See Hong, C. H., 2311
Chang, K.-C. See Wang, H.-W., 2175
Chang, X. See Yang, D., 2330
Changhua, L. See Conxiu, G., 1875
Chao, D. Y. See Chen, Y. C., 455
Chaoui, K. See Kiass, N., 272
Char, C. See Bonfils, F., 903
Chattopadhyay, D. K. See Narayan, R., 518; Narayan, R., 1069
Chaudhry, R. A.
—; Hussein, I. A.; Amin, M. B.; Abu Sharkh, B. F.: Influence of Molecular Parameters and Processing Conditions on Degradation of Hydrogenated Nitrile Butadiene Rubbers, 1432
Chen, C.-C. See Wang, C., 143; Wang, C.-C., 2450; Yao, W.-H., 595; Yen, M.-S., 584
Chen, C.-Y. See Lin, C.-H., 893
Chen, D. See Cheng, Y., 1; Ye, L., 872
Chen, F.-B. See Wang, Y., 1667
Chen, G. See Gao, G., 878
Chen, H. See Breuer, O., 136
Chen, H.-Y. See Yeh, J.-T., 1333
Chen, J. See Qi, C., 38
—; Qu, L.; Li, X.; Jiang, A.; Niu, M.; Wang, J.: Rheological Behavior of Semi-aromatic Transparent Polyamide, 1586
Chen, J.-C. See Wang, C., 143; Yao, W.-H., 595
—; Crosslinking of Cotton Cellulose in Presence of Alkyl Di-Allyl Ammonium Salts. III. Study on Pore Structure of Treated Fabrics from Dyeing Kinetics, 862
Chen, J-C. See Yen, M.-S., 584
Chen, K.
—; Shen, J.; Tang, X.: Rheological Properties of Poly(trimethylene terephthalate) in Capillary Flow, 705
Chen, K.-N. See Lai, J.-Z., 550
Chen, P.-J. See Lai, J.-Z., 550

Chen, T. See Xiong, C., 850
—; Li, L.; Huang, X.: Fiber Diameter of Polybutylene Terephthalate Melt-Blown Nonwovens, 1750
Chen, T.-H. See Huang, J.-W., 1051
Chen, Y. See Huang, J., 652
—; Li, H.: Effect of Ultrasound on the Morphology and Properties of Polypropylene/Inorganic Filler Composites, 1553
Chen, Y. C.
—; Chiou, R. R.; Huang, H. L.; Tsai, Y. Z.; Kuo, Y. M.; Chao, D. Y.: Fluorescence from Fluorescent Dye Based Polyurethane Ionomer(III), 455
Chen, Y.-C. See Lee, W.-F., 855; Yang, C.-P., 1352
Chen, Z.-C. See Zheng, S.-Y., 2186
Cheng, C.-Y. See Lin, C.-H., 893
Cheng, S. See Zhang, J., 1681
Cheng, Y.
—; Chen, D.; Wang, C.; He, P.: Cure Behavior of UP/Org-MMT/MEKP/Cobalt Octoate Nanocomposites by the Dynamic Torsional Vibration Method, 1
Chern, C.-S.
—; Tang, H.-J.: Microemulsion Polymerization Kinetics and Mechanisms, 2005
Chiou, R. R. See Chen, Y. C., 455
Chiu, H.-T.
—; Wu, J.-H.: Conductive Effect of an Electronic/Ionic Complex Conductivity Modifier for Silicone Elastomers, 711
Cho, J.-D.
—; Hong, J.-W.: Curing Kinetics of UV-Initiated Cationic Photopolymerization of Divinyl Ether Photosensitized by Thioxanthone, 1345
Chou, K.-S.
—; Huang, K.-C.; Shih, Z.-H.: Effect of Mixing Process on Electromagnetic Interference Shielding Effectiveness of Nickel/Acrylonitrile–Butadiene–Styrene Composites, 128
Chow, W. K. See Wang, J. Q., 366
Chowdhury, P.
—; Ali, A.: Role of 1,10-Phenanthroline and Ortho Phosphoric Acid on Graft Polymerization of Vinyl Monomers from Poly (Vinyl Alcohol) in the Presence of Fenton's Reagent, 2335
Chowdhury, R.
—; Banerji, M. S.: Electron Beam Irradiation of Ethylene-propylene Terpolymer: Evaluation of Trimethylol Propane Trimethacrylate as a Crosslink Promoter, 968
Chu, H.-C. See Wang, H.-W., 2175
Chu, H.-J. See Zhang, J., 20
Chu, J. See Huang, J., 652
Chuang, S.-W. See Hsu, S. L.-C., 2350
Chung, G. S.
—; Jo, S. M.; Kim, B. C.: Properties of Carbon Nanofibers Prepared from Electrospun Polyimide, 165
Clement, F. See Hakme, C., 1522
Colbeaux, A.
—; Fenouillot, F.; Gerard, J.-F.; Taha, M.; Wautier, H.: Dioxazoline Coupling of Maleic Anhydride Modified Polyethylene, 837
Constantino, C. J. L. See Camillo, E. C., 1498
Coşkun, R.
—; Saçak, M.; Karakışla, M.: Graft Copolymerization of an Itaconic Acid/Acrylamide Monomer Mixture onto Poly(ethylene terephthalate) Fibers with Benzoyl Peroxide, 1795
Crivello, J. V. See Falk, B., 1574
Cui, X.
—; Yan, D.; Wang, Y.: Isothermal and Nonisothermal Crystallization Kinetics of Novel Even-Odd Nylon 10 11, 1637
Cunha, A. M. See Vaz, C. M., 604
Cunxiu, G.
—; Donghua, C.; Wanjun, T.; Changhua, L.: Properties and Thermal Degradation Study of Blend Films with Poly(4-Vinylpyridine) and Lignin, 1875
Czech, Z.
—; Synthesis of Removable and Repositionable Water-Borne Pressure-Sensitive Adhesive Acrylics, 886
Czigany, T. See Lim, K. L. K., 413

Daftari-Besheli, M. See Abedi, S., 1744
Dai, L. See Huang, J., 652
Dalas, E. See Sakkopoulos, S., 117
Daliya, P. K. See Ratnaprabha, K., 336
Dane, J. H. See Unsal, E., 282
Daniels, E. S. See Ding, T., 248
Dari, K. A. See Alakhras, F. A., 691
Das, P. K.
—; Ganguly, A.; Banerji, M.: Electron-Beam Curing of Hydrogenated Acrylonitrile–Butadiene Rubber, 648
da Silva, M. G. See Poley, L. H., 1491
Dass, N. N. See Saikia, P. J., 2140; Saikia, P. J., 2147
Dast, H. N. See Afshari, M., 532
Davidenko, N.
—; García, O.; Sastre, R.: Photopolymerization Kinetics of Dimethacrylate-Based Light-Cured Dental Resins, 1016
Deb, P. C. See Phadnis, S., 1418; Phadnis, S., 1426
—; Monomer Reactivity Ratios in Styrene/2-Ethylhexylacrylate Copolymer, 1753
de Graaf, L. A. See Vaz, C. M., 604
Degueil, M. See Anbarasan, R., 761; Anbarasan, R., 766
Denes, F. S. See Dong, B., 485
Deng, J.-C. See Xie, H.-Q., 1248
Deng, J.-P. See Xing, C.-M., 2026
Deng, Y. See Yan, Z., 44
Denizli, A. See Bereli, N., 1202
—; Bektaş, S.; Arıca, Y.; Genç, Ö: Metal-Chelating Properties of Poly(2-hydroxyethyl methacrylate–methacryloyamido-histidine) Membranes, 1213
Deratani, A. See Carbonnier, B., 2364
Dere, R. T. See Pal, R. R., 1377
Devi, M. S. See Guhanathan, S., 171
Di Gianni, A. See Sangermano, M., 293
Dimos, V.
—; Sanopoulou, M.: Anomalous Sorption Kinetics in the Methanol Vapor–Poly(methyl methacrylate) System, 1184
Ding, H. See Liu, P., 611
Ding, J.
—; Liang, H.; Shi, W.; Shen, X.: Photopolymerization and Properties of UV-Curable Flame-Retardant Resins with Hexaacrylated Cyclophosphazene Compared with Its Cured Powder, 1776
Ding, T.
—; Daniels, E. S.; El-Aasser, M. S.; Klein, A.: Synthesis and Characterization of Functionalized Polymer Latex Particles Through a Designed Semicontinuous Emulsion Polymerization Process, 248
Ding, Y. See Zhang, C., 2161
do Amaral, M.
—; van Es, S.; Asua, J. M.: Combining Process and Property Models: Development of Novel

Reaction Strategies for High-Solids, Low-Viscosity Latices, 733
Dole, P. See Follain, N., 1783
Domb, A. J. See Tyr'yan, Y. I., 1167
Dong, B.
—; Manolache, S.; Somers, E. B.; Worg, A. C. L.; Denes, F. S.: Generation of Antifouling Layers on Stainless Steel Surfaces by Plasma-Enhanced Crosslinking of Polyethylene Glycol, 485
Donghua, C. See Conxiu, G., 1875
Donia, A. M. See Atia, A. A., 806
Doumbia, A. See Bonfils, F., 903
Du, S. See Guo, Z., 2238
Dubouloz-Monnet, F.
—; Mélé, P.; Albérola, N. D.: Multiscale Morphological Analysis of Commingled PP/Unidirectional Glass Fiber Composites: Experiment and Theory, 1038
Dumarçay, S. See Hattali, S., 1065

Edlund, U. See Rajkhowa, R., 697
Eguiazábal, J. I. See Retolaza, A., 564
El-Aasser, M. S. See Ding, T., 248
EL-Deeb, M. M. See Sayyah, S. M., 2076
Eleades, L. See Arkas, M., 2299
El-Sawy, N. M. See Ashour, A. H., 867
El-Shobaky, G. A. See Ashour, A. H., 867
El-Tantawy, F.
—; Development of Novel Functional Conducting Elastomer Blends Containing Butyl Rubber and Low-Density Polyethylene for Current Switching, Temperature Sensor, and EMI Shielding Effectiveness Applications, 1125
Elyashevich, G. K.
—; Rosova, E. Y.; Andreeva, D. V.; Polotskaya, G. A.; Trchová, M.; Pientka, Z.: New Composite Systems on the Base of Polyethylene Porous Films Covered by Polypyrrole and Polyacrylic Acid, 1410
Eren, T.
—; Kusefoglu, S. H.: Synthesis and Polymerization of the Acrylamide Derivatives of Fatty Compounds, 2264
Ernst, E.
—; Reußner, J.; Poelt, P.; Ingolic, E.: Surface Stability of Polypropylene Compounds and Paint Adhesion, 797
Eroğlu, M. S.
—; Hazer, B.; Ozturk, T.; Caykara, T.: Hydroxylation of Pendant Vinyl Groups of Poly(3-hydroxy Undec-10-enoate) in High Yield, 2132
Erra, P. See Jocic, D., 2204
Esteban-Martínez, M. See Ibarra, L., 1825
Esteves, L. M.
—; Márquez, L.; Müller, A. J.: Optimization of the Coordination–Insertion Ring-Opening Polymerization of Poly(*p*-dioxanone) by Programmed Decreasing Reaction Temperatures, 659

Fabbri, E. See Bondioli, F., 2382
Falk, B.
—; Crivello, J. V.: Synthesis and Modification of Epoxy- and Hydroxy-Functional Microspheres, 1574
Falk, R. H. See Tajvidi, M., 1995
Fan, L. See Wu, J., 1176
Fan, Q. See Mani, G., 218
Fan, Y. F. See Zhang, X. X., 390
Fan, Z. See Fu, Z., 640
Fan, Z.-Q. See Xu, J.-T., 240
Faruk, O. See Bledzki, A. K., 1090
Fei, J.-Y. See Ma, X.-Y., 1915
Feke, D. L. See Warley, R. L., 1504
Fenouillot, F. See Colbeaux, A., 837
Finnigan, B.
—; Martin, D.; Halley, P.; Truss, R.; Campbell, K.: Morphology and Properties of Thermoplastic Polyurethane Composites Incorporating Hydrophobic Layered Silicates, 300
Folkert, S. L. See Smith, B. F., 1590
Follain, N.
—; Joly, C.; Dole, P.; Bliard, C.: Mechanical Properties of Starch-Based Materials. I. Short Review and Complementary Experimental Analysis, 1783
Fu, Z.
—; Xu, J.; Zhang, Y.; Fan, Z.: Chain Structure and Mechanical Properties of Polyethylene/Polypropylene/Poly(ethylene-co-propylene) In-Reactor Alloys Synthesized with a Spherical Ziegler–Natta Catalyst by Gas-Phase Polymerization, 640
Fuad, A. M. Y. See Lim, K. L. K., 413
Fukuda, M. See Sawatari, N., 682
Fukuoka, T. See Li, J., 2439
Fulchiron, R. See Hakme, C., 1522

Gadzinowska, K. See Piorkowska, E., 2319
Ganguly, A. See Das, P. K., 648
Gao, C. See Meng, L.-J., 1261
Gao, G.
—; Zhang, L.; Sun, H.; Chen, G.; Zhang, M.; Ma, R.; Liu, F.: Crystalline and Thermal Behavior of Poly(ethylene terephthalate)/Polyphenoxy Blends, 878
Gao, H. See Qi, C., 38
Gao, S. See Wu, J., 1176; Zheng, J. P., 1033
García, O. See Davidenko, N., 1016
Garcia-Godoy, F. See Abedian, B., 426
Gardner, D. J. See Herzog, B., 2221
Gargallo, L. See Castro, C., 1953
Ge, Q. See Huang, J., 652
Genç, Ö. See Denizli, A., 1213
Geng, Z. C. See Sun, J. X., 322
Georgoulis, L. B.
—; Morgan, M. S.; Andrianopoulos, N.; Seferis, J. C.: Swelling of Polymeric Glove Materials during Permeation by Solvent Mixtures, 775
Gerard, J.-F. See Colbeaux, A., 837
Gérardin, P. See Hattali, S., 1065
Ghadage, R. S. See Mule, S. A., 784
Ghaemy, M.
—; Omrani, A.; Rostami, A. A.: Study of Reaction Kinetics of Epoxy and a Nickel(II) Complex Using Dynamic DSC Technique, 265
Gong, M. See Xu, J., 1714
Goodell, B. See Herzog, B., 2221
Goossens, J. G. P. See Picchioni, F., 575
Gopalakrishnan, K. S. See Sasidharan, K. K., 1804
Gordillo, A. See Martínez, A. B., 2256
Gordon, S. H.
—; Cao, X.; Mohamed, A.; Willett, J. L.: Infrared Spectroscopy Method Reveals Hydrogen Bonding and Intermolecular Interaction between Components in Polymer Blends, 813
Gorenbein, P. See Tyr'yan, Y. I., 1167
Gorga, C. J. P. See Barbosa, R. V., 1371
Goswami, S.
—; Nad, S.; Chakrabarty, D.: Modification of Novolac Resin by Interpenetrating Network Formation with Poly(butyl acrylate), 2407
Graillat, C. See Ouzineb, K., 745
Granet, R. See Joly, N., 1266
Gregorová, A. See Košíková, B., 924
Grexa, O. See Äimkovic, I., 1948

Griesser, U. J. See Okubayashi, S., 1621
Grogger, W. See Loos, J., 1001
Guan, F.-X. See Xu, J.-T., 240
Guan, T. See Qu, X., 348
Guhanathan, S.
—; Devi, M. S.: Physicochemical Characterization of the Filler–Matrix Interface in Elastomer-Encapsulated Fly Ash/Polyester Particulate Composites, 171
Guimon, M.-F. See Kaba, M., 2088
Guo, T.
—; Wang, L.; Zhang, A.; Cai, T.: Effects of Nano Calcium Carbonate Modified by a Lanthanum Compound on the Properties of Polypropylene, 1154
Guo, X.
—; Lu, J.; Li, H.; Yao, S.; Wang, L.: Synthesis and Coordination of Oxyquinolyl End-Functionalized Polystyrene by Atom Transfer Radical Polymerization, 2067
Guo, Z.
—; Du, S.; Zhang, B.; Wu, Z.: Cure Kinetics of T700/BMI Prepreg Used for Advanced Thermoset Composite, 2238
Guo, Z.-X. See Liu, W.-F., 1538
Guozheng, L. See Xiaoyan, M., 1907
Gupta, B. S. See Afshari, M., 532
Güven, O. See Taşdelen, B., 1115

Haijun, L. See Xiaoyan, M., 1907
Hailin, L. See Xiaoyan, M., 1907
Hakeim, O. A.
—; Abou-Okeil, A.; Abdou, L. A. W.; Waly, A.: The Influence of Chitosan and Some of its Depolymerized Grades on Natural Color Printing, 559
Hakme, C.
—; Stevenson, I.; Fulchiron, R.; Seytre, G.; Clement, F.; Odoni, L.; Rochat, S.; Varlet, J.: Dielectric Studies of Hyperbranched Aromatic Polyamide and Polyamide-6,6 Blends, 1522
Halley, P. See Finnigan, B., 300
Hamada, H. See Solomon, S., 957; Tetsuya, T., 753
Hameed, T. See Hussein, I. A., 2488
Han, K. Y. See Wan, Y. Z., 507
Hanhi, K. See Li, S., 208
Hanna, M. A. See Zhou, J., 1880
Harad, A. M. See Shukla, S. R., 513
Harrup, M. K. See Orme, C. J., 939
Hattali, S.
—; Benaboura, A.; Dumarçay, S.; Gérardin, P.: Evaluation of Alfa Grass Soda Lignin as a Filler for Novolak Molding Powder, 1065
Haudin, J. M. See Piorkowska, E., 2319
Hazer, B. See Eroğlu, M. S., 2132
He, L. See Liu, P., 611
He, P. See Cheng, Y., 1
He, X.-Z.
—; Zhang, B.-Y.; Xiao, L.-J.; Wang, Y.; Wu, H.-Q.: Synthesis and Characterization of a Series of Smectic Liquid Crystalline Elastomers, 498
He, Y. See Li, J., 2439
Hermanson, J. C. See Tajvidi, M., 1995
Herzog, B.
—; Gardner, D. J.; Lopez-Anido, R.; Goodell, B.: Glass-Transition Temperature Based on Dynamic Mechanical Thermal Analysis Techniques as an Indicator of the Adhesive Performance of Vinyl Ester Resin, 2221
Hiltner, A. See Prattipati, V., 1361
Hirabayashi, T. See Nishimura, Y., 2118
Hirt, D. E. See Luo, N., 2242
Hofer, F. See Loos, J., 1001
Hong, C. H.
—; Lee, Y. B.; Bae, J. W.; Jho, J. Y.; Nam, B. U.; Chang, D.-H.; Yoon, S.-H.; Lee, K.-J.: Tensile Properties and Stress Whitening of Polypropylene/Polyolefin Elastomer/Magnesium Hydroxide Flame Retardant Composites for Cable Insulating Application, 2311
—; Lee, Y. B.; Bae, J. W.; Jho, J. Y.; Nam, B. U.; Nam, G. J.; Lee, K. J.: Tensile and Flammability Properties of Polypropylene-based RTPO/Clay Nanocomposites for Cable Insulating Material, 2375
Hong, J. S.
—; Kim, J. L.; Ahn, K. H.; Lee, S. J.: Morphology Development of PBT/PE Blends during Extrusion and its Reflection on the Rheological Properties, 1702
Hong, J.-W. See Cho, J.-D., 1345
Hong, K. H.
—; Oh, K. W.; Kang, T. J.: Preparation and Properties of Electrically Conducting Textiles by *In Situ* Polymerization of Poly(3,4-ethylenedioxythiophene), 1326
Hong, Y. See Xiong, C., 850
Hori, T. See Kuzuhara, A., 65
Hosoya, T. See Saito, R., 1835
Hoteling, A. J. See Mourey, T. H., 627
Hou, C.
—; Qu, R.-j.; Ying, L.; Wang, C.-g.: Rheological Kinetics of Acrylonitrile–Acrylamide Copolymer Solutions in Dimethyl Formamide, 527
Hou, J. See Shen, J.-W., 51
Hsiao, K.
—; Jue, Z.-F.; Tsen, W.-C.; Shu, Y.-C.: Thermal Behavior and Morphology of Polycaproamide (PCA)/Cationic Dyeable Polycaproamide (CD-PCA) Polyblended Filaments, 1220
Hsiao, S.-H. See Yang, C.-P., 1352
Hsu, S. L.-C.
—; Lin, C.-Y.; Chuang, S.-W.: Positive-Working Aqueous Base Developable Photosensitive Polybenzoxazole Precursor/Organoclay Nanocomposites, 2350
Hu, A. See Wu, J., 1176
Hu, M.-S. See Yao, W.-H., 595
Hu, Y.
—; Zheng, X.; Ye, L.: Synergistic Thermal Stabilization Effect of Polyamide/Melamine on Polyoxymethylene, 2387
Hu, Y. S. See Prattipati, V., 1361
Huang, C.-K. See Lai, S.-M., 257
Huang, H. L. See Chen, Y. C., 455
Huang, J.
—; Xu, M.; Ge, Q.; Lin, M.; Lin, Q.; Chen, Y.; Chu, J.; Dai, L.; Zou, Y.: Controlled Synthesis of High-Ortho-Substitution Phenol–Formaldehyde Resins, 652
Huang, J.-W.
—; Kang, C.-C.; Chen, T.-H.: Isothermal Crystallization of Poly(ethylene-*co*-glycidyl methacrylate)/Clay Nanocomposites, 1051
Huang, K.-C. See Chou, K.-S., 128
Huang, P.-H. See Yao, W.-H., 595
Huang, R.-H. See Ma, J.-T., 316
Huang, S.-S. See Yeh, J.-T., 1333
Huang, T. S. See Liang, J., 1161
Huang, W.-Y. See Shen, J.-W., 51
Huang, X. See Chen, T., 1750
Huang, Y. See Ma, X.-Y., 1915; Wan, Y. Z., 507; Wu, X., 1292
Huang, Z. F.
—; Tan, S. T.; Wang, X. Y.: Modification of an *o*-Cresol Formaldehyde Epoxy Resin by the Thermotropic Liquid Crystalline Polymer, 1626

Hussein, I. A. See Chaudhry, R. A., 1432
—; Hameed, T.: Influence of Branching Characteristics on Thermal and Mechanical Properties of Ziegler–Natta and Metallocene Hexene Linear Low-Density Polyethylene Blends with Low-Density Polyethylene, 2488
Husson, S. M. See Luo, N., 2242

Ibarra, L.
—; Posadas, P.; Esteban-Martínez, M.: A Comparative Study of the Effect of Some Paraffinic Oils on Rheological and Dynamic Properties and Behavior at Low Temperature in EPDM Rubber Compounds, 1825
Ibrahim, N. A.
—; Refai, R.; Youssef, M. A.; Ahmed, A. F.: Proper Finishing Treatments for Sun-Protective Cotton-Containing Fabrics, 1024
Ida, S. See Takahashi, M., 2428
Idicula, M.
—; Malhotra, S. K.; Joseph, K.; Thomas, S.: Effect of Layering Pattern on Dynamic Mechanical Properties of Randomly Oriented Short Banana/Sisal Hybrid Fiber–Reinforced Polyester Composites, 2168
Ihara, H. See Nagaoka, S., 149
Ihn, K.-J. See Kim, J.-Y., 2357
Ikawa, T. See Takahashi, M., 2428
Inai, Y. See Nishimura, Y., 2118
Ingolic, E. See Ernst, E., 797
Inoue, Y. See Li, J., 2439
Irwan, G. S.
—; Aoyama, Y.; Kuroda, S.-i.; Kubota, H.; Kondo, T.: Photografting of *N*-Isopropylacrylamide and Glycidyl Methacrylate Binary Monomers on Polyethylene Film: Effect of Mixed Solvent Consisting of Water and Organic Solvent, 2469
Ishak, Z. A. M. See Lim, K. L. K., 413; Solomon, S., 957
Ishiaku, U. S. See Lim, K. L. K., 413; Solomon, S., 957; Tetsuya, T., 753
Isogai, A. See Obokata, T., 2249
Ito, M. See Takahashi, M., 2428
Itoh, Y. See Okubayashi, S., 545

Jacob, N. E. See Mule, S. A., 784
Janorkar, A. V. See Luo, N., 2242
Janus, L. See Carbonnier, B., 2364
Jarvinen, G. D. See Smith, B. F., 1590
Jho, J. Y. See Hong, C. H., 2311; Hong, C. H., 2375
Jia, Y.-G. See Sun, Q.-J., 1196
Jiang, A. See Chen, J., 1586
Jiang, G.
—; Zheng, Q.: Synthesis and Application of New Fullerene Derivative, 2182
Jiang, Z.-H. See Zhang, Y.-H., 1652
Jianping, D.
—; Wantai, Y.: Surface Photografting Polymerization of Vinyl Acetate, Maleic Anhydride, and Their Charge-Transfer Complex. IX. Charge-Transfer Complex (5), 2230
Jie, L.
—; Wangxi, Z.: Structural Changes during the Thermal Stabilization of Modified and Original Polyacrylonitrile Precursors, 2047
Jin, J. See Shen, Z., 1736
Jin, X. See Qi, R., 201
Jing-Bo, Z.
—; Ze-Min, X.: Synthesis and Characterization of Alternate Copolymers Constructed by 1,3-Bis(diphenylsilyl)-2,2,4,4-tetraphenylcyclodisilazane Units with Oligo-dimethylsiloxane Segments, 1484
Jo, S. M. See Chung, G. S., 165
Job, A. E. See Camillo, E. C., 1498
Jocic, D.
—; Vílchez, S.; Topalovic, T.; Molina, R.; Navarro, A.; Jovancic, P.; Julià, M. R.; Erra, P.: Effect of Low-Temperature Plasma and Chitosan Treatment on Wool Dyeing with Acid Red 27, 2204
Joly, C. See Follain, N., 1783
Joly, N.
—; Granet, R.; Branland, P.; Verneuil, B.; Krausz, P.: New Methods for Acylation of Pure and Sawdust-Extracted Cellulose by Fatty Acid Derivatives —Thermal and Mechanical Analyses of Cellulose-Based Plastic Films, 1266
Joseph, K. See Idicula, M., 2168
Joseph, R. See Sasidharan, K. K., 1804
Jovancic, P. See Jocic, D., 2204
Jue, Z.-F. See Hsiao, K., 1220
Julià, M. R. See Jocic, D., 2204

Kaba, M.
—; Raklaoui, N.; Guimon, M.-F.; Mas, A.: Improvement of the Water Selectivity of ULTEM Poly(ether imide) Pervaporation Films by an Allylamine-Plasma-Polymerized Layer, 2088
Kang, C.-C. See Huang, J.-W., 1051
Kang, P. H. See Kim, S., 103
Kang, S.-Y. See Yu, D.-G., 72
Kang, T. J. See Hong, K. H., 1326
Karakışla, M. See Coşkun, R., 1795
Kato, E.
—; Thermodynamic Study of a Pressure-Temperature Phase Diagram for Poly(N-Isopropylacrylamide) Gels, 405
Kawasaki, T. See Nonaka, T., 2097
Kawko, K. See Sirisinha, K., 1476
Kayaman-Apohan, N. See Taşdelen, B., 1115
Khalsa, G. R. K. See Smith, B. F., 1590
Khelif, R. See Kiass, N., 272
Kiass, N.
—; Khelif, R.; Boulanouar, L.; Chaoui, K.: Experimental Approach to Mechanical Property Variability through a High-Density Polyethylene Gas Pipe Wall, 272
Kihara, S.-I. See Taki, K., 1899
Kim, B. C. See Chung, G. S., 165
Kim, B. K. See Kim, B. S., 1961
Kim, B. S.
—; Kim, B. K.: Enhancement of Hydrolytic Stability and Adhesion of Waterborne Polyurethanes, 1961
Kim, D. See Kwag, G., 1279
Kim, H.-J. See Kim, H.-S., 1513
Kim, H.-S.
—; Yang, H.-S.; Kim, H.-J.: Biodegradability and Mechanical Properties of Agro-Flour-Filled Polybutylene Succinate Biocomposites, 1513
Kim, I.
—; White, J. L.: Continuous Polymerization of ω-Lauryl Lactam in an Intermeshing Corotating Twin-Screw Extruder, 1605
Kim, J. L. See Hong, J. S., 1702
Kim, J.-Y.
—; Shin, D.-H.; Ihn, K.-J.: Synthesis of CdS Nanoparticles Dispersed within Amphiphilic Poly(urethane acrylate-*co*-styrene) Films, 2357
Kim, K. H. See Lim, H. K., 1170
Kim, M. G. See No, B. Y., 377
Kim, S.
—; Kang, P. H.; Nho, Y. C.; Yang, O.: Effect of Electron Beam Irradiation on Physical Properties

of Ultrahigh Molecular Weight Polyethylene, 103
Kim, S. G. See Lim, H. K., 1170
Kim, S. S.
—; Park, T. S.; Shin, B. C.; Kim, Y. B.: Polymethyl Methacrylate/Montmorillonite Nanocomposite Beads through a Suspension Polymerization-derived Process, 2340
Kim, Y. B. See Kim, S. S., 2340
Kish, M. H. See Afshari, M., 532
Klaehn, J. R. See Orme, C. J., 939
Klein, A. See Ding, T., 248
Kobayashi, S. See Li, J., 2439
Kobayashi, S.-i. See Saito, R., 1835
Kobayashi, T. See Takeda, K., 620
Koetse, M. M. See Loos, J., 1001
Kojima, T. See Tsuchiya, M., 1209
Kondo, T. See Irwan, G. S., 2469
Košíková, B.
—; Gregorová, A.: Sulfur-Free Lignin as Reinforcing Component of Styrene–Butadiene Rubber, 924
Kotek, R. See Afshari, M., 532
Kothleitner, G. See Loos, J., 1001
Kotsilkova, R.
—; Processing–Structure–Properties Relationships of Mechanically and Thermally Enhanced Smectite/Epoxy Nanocomposites, 2499
Krausz, P. See Joly, N., 1266
Krishnan, R.
—; Srinivasan, K. S. V.: Synthesis and Characterization of Amphiphilic Block Copolymers of Methyl Methacrylate with Poly(ethylene oxide) Macroinitiators Formed by Atom Transfer Radical Polymerization, 989
Król, P.
—; Wojturska, J.; Statyukha, G. A.; Skladannyy, D. M.: Application of a Method for the Mathematical Experimental Statistical Modeling Approach to Analyze Physical–Chemical Properties of Interpenetrating Polymer Network of Polyurethane and Unsaturated Polyester, 1855
Kubota, H. See Irwan, G. S., 2469
Kulkarni, P. V. See Mallikarjuna, N. N., 1868
Kumar, G. S. V.
—; Kumar, K. S.: Immobilization of Catalase on a Novel Polymer Support, Crosslinked Polystyrene Ethylene Glycol Acrylate Resin: Role of the Macromolecular Matrix on Enzyme Activity, 8
Kumar, K. S. See Kumar, G. S. V., 8
Kumarasamy, M. D. K. See Latha, C. S., 1307
Kuo, Y. M. See Chen, Y. C., 455
Kurihara, S. See Nonaka, T., 2097
Kuroda, S.-i. See Irwan, G. S., 2469
Kusefoglu, S. H. See Eren, T., 2264
Kuzuhara, A.
—; Hori, T.: Diffusion Behavior of Poly(ethylene imine) into Keratin Fibers Using Microspectrophotometry, 65
Kwag, G.
—; Kim, D.; Lee, S.; Bae, C.: Morphology and Activity of Nanosized $NdCl_3$ Catalyst for 1,3-Butadiene Polymerization, 1279
Kyriakopoulos, N. See Sakkopoulos, S., 117

Labouriau, A. See Smith, B. F., 1590
Lai, J.-Z.
—; Chen, P.-J.; Yeh, J.-T.; Chen, K.-N.: A Cross Self-Curing System for an Aqueous-based PU Hybrid, 550
Lai, S.-M.
—; Huang, C.-K.; Shen, H.-F.: Preparation and Properties of Biodegradable Poly(butylene succinate)/Starch Blends, 257
—; Wang, C.-K.; Shen, H.-F.: Properties and Preparation of Thermoplastic Polyurethane/Silica Hybrid Using Sol–Gel Process, 1316
Lamminmäki, J. See Li, S., 208
Larson, R. S.
—; Model for Reaction-Assisted Polymer Dissolution in LIGA, 25
Lash, R. P. See Orme, C. J., 939
Latha, C. S.
—; Shanthanalakshmi, D.; Mohan, D.; Balu, K.; Kumarasamy, M. D. K.: Polyurethane and Carboxylated Polysulfone Blend Ultrafiltration Membranes. I. Preparation and Characterization, 1307
Lazos, D. See Yang, H., 158
Lee, J.-S.
—; Thermal Decomposition of Fluoropolymers and Firing Characteristics of Priming Compositions with Fluoropolymers, 2054
Lee, K. J. See Hong, C. H., 2311, 2375
Lee, S. See Kwag, G., 1279
Lee, S.-H. See Ohkita, T., 1107
Lee, S. J. See Hong, J. S., 1702
Lee, S. O. See Lim, H. K., 1170
Lee, V. A.
—; Rawls, H. R.: Compliant Phase Reduces Polymerization Shrinkage in Dental Composite Resin, 2306
Lee, W.-F.
—; Chen, Y.-C.: Preparation of Reactive Mineral Powders Used for Poly(sodium acrylate) Composite Superabsorbents, 855
Lee, Y. B. See Hong, C. H., 2311; Hong, C. H., 2375
Leiva, A. See Castro, C., 1953
Lekchiri, Y. See Martel, B., 433
Li, G.
—; Shen, Y.; Ren, Q.: Effect of Fluorinated Acrylate on the Surface Properties of Cationic Fluorinated Polyurethane-Acrylate Hybrid Dispersions, 2192
Li, H. See Chen, Y., 1553; Guo, X., 2067
Li, J. See Liu, Y., 1688; Zhao, Z., 466
—; Fukuoka, T.; He, Y.; Uyama, H.; Kobayashi, S.; Inoue, Y.: Thermal and Crystallization Behavior of Hydrogen-Bonded Miscible Blend of Poly(3-hydroxybutyrate) and Enzymatically Polymerized Polyphenol, 2439
Li, L. See Chen, T., 1750
Li, Q.-Y. See Zheng, Y.-Y., 2392
Li, S.
—; Lamminmäki, J.; Hanhi, K.: Effect of Ground Rubber Powder and Devulcanizates on the Properties of Natural Rubber Compounds, 208
Li, X. See Chen, J., 1586; Zhang, J., 1681; Zhao, Z., 466
Li, Y. See Qin, J.-J., 227
Liang, B. R. See Zhang, G. Q., 1931
Liang, G.-Z. See Ma, X.-Y., 1915
Liang, H. See Ding, J., 1776
—; Asif, A.; Shi, W.: Photopolymerization and Thermal Behavior of Phosphate Diacrylate and Triacrylate Used as Reactive-Type Flame-Retardant Monomers in Ultraviolet-Curable Resins, 185
Liang, J.
—; Wu, R.; Huang, T. S.; Worley, S. D.: Polymerization of a Hydantoinylsiloxane on Particles of Silicon Dioxide To Produce a Biocidal Sand, 1161
Liao, H.-T.
—; Wu, C.-S.: Synthesis and Characterization of Polyethylene-Octene

Elastomer/Clay/Biodegradable Starch Nanocomposites, 397
Liebner, C. F. E. See Barone, J. R., 1644
Lim, H. K.
—; Lee, S. O.; Song, K. J.; Kim, S. G.; Kim, K. H.: Synthesis and Properties of Soluble Polypyrrole Doped with Dodecylbenzenesulfonate and Combined with Polymeric Additive Poly(ethylene glycol), 1170
Lim, K. L. K.
—; Ishak, Z. A. M.; Ishiaku, U. S.; Fuad, A. M. Y.; Yusof, A. H.; Czigany, T.; Pukanszky, B.; Ogunniyi, D. S.: High-Density Polyethylene/Ultrahigh-Molecular-Weight Polyethylene Blend. I. The Processing, Thermal, and Mechanical Properties, 413
Lin, B. See Breuer, O., 136
Lin, C.-H.
—; Lin, J.-C.; Chen, C.-Y.; Cheng, C.-Y.; Lin, X.-Z.; Wu, J.-J.: Feasibility Evaluation of Chitosan Coatings on Polyethylene Tubing for Biliary Stent Applications, 893
Lin, C.-Y. See Hsu, S. L.-C., 2350
Lin, J.-C. See Lin, C.-H., 893
Lin, J. M. See Yao, W.-H., 595
Lin, M. See Huang, J., 652
Lin, Q. See Huang, J., 652
Lin, S. See Cao, Y., 1659
Lin, X.-F. See Zheng, S.-Y., 2186
Lin, X.-Z. See Lin, C.-H., 893
Liska, R.
—; Schwager, F.; Maier, C.; Cano-Vives, R.; Stampfl, J.: Water-Soluble Photopolymers for Rapid Prototyping of Cellular Materials, 2286
Liu, C.
—; Oshima, K.; Shimomura, M.; Miyauchi, S.: All Polymer PTC Devices: Temperature-Conductivity Characteristics of Polyisothianaphthene and Poly(3-hexylthiophene) Blends, 1848
Liu, F. See Gao, G., 878
Liu, G. See Qu, X., 348
Liu, H.
—; Wilén, C.-E.: Preparation and Glass Transition Temperature of Hyperbranched Poly[Allyl Methyl Maleate-*co*-*N*-Propyl Maleimide], 1941
Liu, H.-L. See Ma, X.-Y., 1915
Liu, J. See Liu, P., 611
Liu, J.-H.
—; Wu, F.-T.: Synthesis of Photoisomeric Azobenzene Monomers and Model Compound Effect on Electric–Optical Properties in PDLC Films, 721
Liu, M.-J. See Qu, L-J., 2279
Liu, P.
—; He, L.; Ding, H.; Liu, J.; Yi, X.: Morphology of Epoxy Resin Modified with Silyl-Crosslinked Urethane Elastomer, 611
Liu, Q. See Yan, Z., 44
Liu, Q.-H. See Zhang, Y.-H., 1652
Liu, W. See Qi, C., 38
Liu, W.-F.
—; Guo, Z.-X.; Yu, J.: Preparation of Crosslinked Composite Nanoparticles, 1538
Liu, X.
—; Yu, W.: Evaluation of the Tensile Properties and Thermal Stability of Ultrahigh-Molecular-Weight Polyethylene Fibers, 310
Liu, Y. See Yang, D., 2330
—; Bo, S.; Zhu, Y.; Zhang, W.: Studies on the Intermolecular Structural Heterogeneity of a Propylene-Ethylene Random Copolymer Using Preparative Temperature Rising Elution Fractionation, 232
—; Yang, L.; Li, J.; Shi, Z.: Grafting of Methyl Methacrylate onto Sodium Alginate Initiated by Potassium Ditelluratoargentate(III), 1688
Loos, J.
—; Yang, X.; Koetse, M. M.; Sweelssen, J.; Schoo, H. F. M.; Veenstra, S. C.; Grogger, W.; Kothleitner, G.; Hofer, F.: Morphology Determination of Functional Poly[2-methoxy-5-(3,7-dimethyloctyloxy)-1,4-phenylenevinylene]/Poly[oxa-1,4-phenylene-1,2-(1-cyanovinylene)-2-methoxy,5-(3,7-dimethyloctyloxy)-1,4-phenylene-1,2-(2-cyanovinylene)-1,4-phenylene] Blends as Used for All-Polymer Solar Cells, 1001
Lopez-Anido, R. See Herzog, B., 2221
Lu, D.-S. See Zheng, S.-Y., 2186
Lu, J. See Guo, X., 2067
—; Wu, J.; Wang, L.; Yao, S.: The Synthesis of Copolymer–Cu Coordinates and Its Catalysis to Methyl Methacrylate, 2072
Lu, S. See Xiong, C., 850
Lubeck, C. R. See Smith, B. F., 1590
Luca, C.
—; Măruţă, C.; Bunia, I.; Urmenyi, A. M.; Sandu, M.; Ra[cediltă, D.: Acrylic Weak-Base Anion Exchangers and Their Behaviors in the Retention Process of Some Heavy-Metal Cations, 930
Luo, N.
—; Janorkar, A. V.; Hirt, D. E.; Husson, S. M.; Schwark, D. W.: Coefficient of Friction Reduction of Ethylene-*co*-Acrylic Acid Film: Effects of Grafted 12-Aminododecanamide and Solvent Exposure, 2242

Ma, J. H. See Zhang, G. Q., 1931
Ma, J.-T.
—; Huang, R.-H.; Zhao, L.; Zhang, X.: Solution Properties of Ionic Hydrophobically Associating Polyacrylamide with an Arylalkyl Group, 316
Ma, R. See Gao, G., 878
Ma, X.-Y.
—; Liang, G.-Z.; Liu, H.-L.; Fei, J.-Y.; Huang, Y.: Novel Intercalated Nanocomposites of Polypropylene/Organic-Rectorite/Polyethylene-octene Elastomer: Rheology, Crystallization Kinetics, and Thermal Properties, 1915
Ma, Z. See Wang, W., 1632
Maeda, S. See Nonaka, T., 2097
Maier, C. See Liska, R., 2286
Maillard, B. See Anbarasan, R., 761; Anbarasan, R., 766
Mainwaring, D. E. See Sarathchandra, W. D., 1254
Maldar, N. N. See Pal, R. R., 1377
Malhotra, S. K. See Idicula, M., 2168
Malkaj, P. See Sakkopoulos, S., 117
Mallikarjuna, N. N. See Narayan, R., 518; Narayan, R., 1069
—; Manohar, S. K.; Kulkarni, P. V.; Venkataraman, A.; Aminabhavi, T. M.: Novel High Dielectric Constant Nanocomposites of Polyaniline Dispersed with γ-Fe_2O_3 Nanoparticles, 1868
Malucelli, G. See Sangermano, M., 293
Manas-Zloczower, I. See Warley, R. L., 1504
Mani, G.
—; Fan, Q.; Ugbolue, S. C.; Yang, Y.: Morphological Studies of Polypropylene–Nanoclay Composites, 218
Maníkovám, D. See äimkovic, I., 1948

Manohar, S. K. See Mallikarjuna, N. N., 1868
Manoj, N. R.
—; Sivaraman, P.; Praveen, S.; Raut, R. D.; Chandrasekhar, L.; Chakraborty, B. C.: Miscibility and Fracture Toughness of Thermoplastic Polyurethane/Poly(vinyl chloride)/Nitrile Rubber Ternary Blends with Special Reference to the Blend Composition, 1763
Manolache, S. See Dong, B., 485
Mansanares, A. M. See Poley, L. H., 1491
Marcovich, N. E. See Batalla, L., 916
Marks, D. See Vouyiouka, S. N., 671
Márquez, L. See Esteves, L. M., 659
Martel, B.
—; Ruffin, D.; Weltrowski, M.; Lekchiri, Y.; Morcellet, M.: Water-Soluble Polymers and Gels from the Polycondensation between Cyclodextrins and Poly(carboxylic acid)s: A Study of the Preparation Parameters, 433
Martin, D. See Finnigan, B., 300
Martínez, A. B.
—; Sánchez-Soto, M.; Velasco, J. I.; Maspoch, M. LI.; Santana, O. O.; Gordillo, A.: Impact Characterization of a Carbon Fiber-Epoxy Laminate Using a Nonconservative Model, 2256
Martins, A. F.
—; Visconte, L. L. Y.; Nunes, R. C. R.: Viscoelastic Characterization of Uncured NR/Cel II Compositions, 2125
Martvoňová, D. See äimkovic, I., 1948
Măruţă, C. See Luca, C., 930
Mas, A. See Kaba, M., 2088
Maspoch, M. LI. See Martínez, A. B., 2256
Masuoka, H. See Wibawa, G., 1145
Mathai, A. E.
—; Thomas, S.: Morphology, Mechanical and Viscoelastic Properties of Nitrile Rubber/Epoxidized Natural Rubber Blends, 1561
Mathew, A. P.
—; Oksman, K.; Sain, M.: Mechanical Properties of Biodegradable Composites from Poly Lactic Acid (PLA) and Microcrystalline Cellulose (MCC), 2014
Matsushita, Y.
—; New Theory on the Physical Properties of Polymers from Cured Resins to Linear Polymers: Melting Temperature, Glass-Transition Temperature, and Strength, 1467
Mattoso, L. H. C. See Camillo, E. C., 1498
Mauler, R. S. See Barbosa, R. V., 1371
McDaniel, R. L. See Royappa, A. T., 1462
McHugh, M. A. See Shen, Z., 1736
McKenna, T. F. See Ouzineb, K., 745
Mehta, S. See Prattipati, V., 1361
Mélé, P. See Dubouloz-Monnet, F., 1038
Meng, L.-J.
—; Wu, H.-C.; Gao, C.; Yi, W.-H.: Synthesis and Characterization of a Kind of Poly(3-butylthiophene methine) with Azo Side Groups, 1261
Meng, Y. See Zhong, S., 2112
Messori, M. See Bondioli, F., 2382
Mi, Z.-T. See Sun, B., 2215
M[indot]sırlı, Z. See Taşdelen, B., 1115
Miyauchi, S. See Liu, C., 1848
Mizoguchi, M. See Tetsuya, T., 753
Mohamed, A. See Gordon, S. H., 813
Mohan, D. See Latha, C. S., 1307; Sajitha, C. J., 976
Mohanty, H.
—; Singh, B. C.: Graft Copolymerization of Methyl Methacrylate onto Biomedical Polyvinyl Chloride Initiated by Ce(IV)–Glucose Redox System, 2105
Molina, R. See Jocic, D., 2204
Morcellet, M. See Carbonnier, B., 2364; Martel, B., 433
Morgan, M. S. See Georgoulis, L. B., 775
Morita, Y.
—; Cationic Polymerization of Hydrogenated Bisphenol-A Glycidyl Ether with Cycloaliphatic Epoxy Resin and Its Thermal Discoloration, 1395
—; Curing of Epoxy Siloxane Monomer with Anhydride, 946
Mosiewicki, M.
—; Aranguren, M. I.; Borrajo, J.: Mechanical Properties of Linseed Oil Monoglyceride Maleate/Styrene Copolymers, 825
Mourey, T. H.
—; Hoteling, A. J.; Balke, S. T.; Owens, K. G.: Molar Mass Distributions of Polymers from Size Exclusion Chromatography and Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry: Methods for Comparison, 627
Mubarak, M. S. See Alakhras, F. A., 691
Mule, S. A.
—; Ghadage, R. S.; Jacob, N. E.; Rajan, C. R.; Ponrathnam, S.: Thermal Degradation Kinetics of Polyesters Containing Mesogenic Aromatic Diols, 784
Müller, A. J. See Esteves, L. M., 659
Musa, L. See Rozman, H. D., 1237

Nad, S. See Goswami, S., 2407
Nagaoka, S.
—; Tobata, H.; Takiguchi, Y.; Satoh, T.; Sakurai, T.; Takafuji, M.; Ihara, H.: Characterization of Cellulose Microbeads Prepared by a Viscose-Phase-Separation Method and Their Chemical Modification with Acid Anhydride, 149
Nakashima, S. See Nonaka, T., 2097
Nakayama, Y. See Sato, Y., 1008
Nam, B. U. See Hong, C. H., 2311; Hong, C. H., 2375
Nam, G. J. See Hong, C. H., 2375
Narayan, R.
—; Chattopadhyay, D. K.; Sreedhar, B.; Raju, K. V. S. N.; Mallikarjuna, N. N.; Aminabhavi, T. M.: Degradation Profiles of Polyester-Urethane (HP-MDI) and Polyester-Melamine (HP-HMMM) Coatings: A Thermal Study, 518
—; Chattopadhyay, D. K.; Sreedhar, B.; Raju, K. V. S. N.; Mallikarjuna, N. N.; Aminabhavi, T. M.: Degradation Profiles of Polyester–Urethane (Hydroxylated Polyester/Diphenylmethane Diisocyanate) and Polyester–Melamine (Hydroxylated Polyester/Hexamethoxymethyl-melamine) Coatings: An Accelerated Weathering Study, 1069
Narkis, M. See Aleperstein, D., 2060
Navarro, A. See Jocic, D., 2204
Nazábal, J. See Retolaza, A., 564
Neto, R. B. See Barbosa, R. V., 1371
Nguyen, V. N. See Perrin, F. X., 92
Nho, Y. C. See Kim, S., 103
Nie, J. See Qi, R., 201
Ninan, K. N. See Saxena, A., 1987
Ning, C.-H. See Xu, D.-M., 60

Nishimura, Y.
—; Takasu, A.; Inai, Y.; Hirabayashi, T.: Melt Spinning of Poly(L-lactic acid) and Its Biodegradability, 2118
Nitta, K. See Taki, K., 1899
Niu, M. See Chen, J., 1586
Niu, Y.-M. See Zhang, Y.-H., 1652
No, B. Y.
—; Kim, M. G.: Curing of Low Level Melamine-Modified Urea-Formaldehyde Particleboard Binder Resins Studied with Dynamic Mechanical Analysis (DMA), 377
Nonaka, T.
—; Maeda, S.; Ogata, T.; Nakashima, S.; Kawasaki, T.; Kurihara, S.: Synthesis of Chloromethylstyrene-tetraethyleneglycol Dimethacrylate Copolymer Beads Having Various Phenolic Derivatives Immobilized via Amide Bond and Their Antioxidation Activity, 2097
Noorpanah, P. See Sharifnejad, F., 1284
Nunes, R. C. R. See Martins, A. F., 2125
Nuñez, A. J. See Batalla, L., 916

Obokata, T.
—; Yanagisawa, M.; Isogai, A.: Characterization of Polyamideamine-Epichlorohydrin (PAE) Resin: Roles of Azetidinium Groups and Molecular Mass of PAE in Wet Strength Development of Paper Prepared with PAE, 2249
Odoni, L. See Hakme, C., 1522
Ogata, T. See Nonaka, T., 2097
Ogunniyi, D. S. See Lim, K. L. K., 413
Oh, K. W. See Hong, K. H., 1326
Ohkita, T.
—; Lee, S.-H.: Crystallization Behavior of Poly(butylene succinate)/Corn Starch Biodegradable Composite, 1107
Ohshima, M. See Taki, K., 1899
Okamoto, S. See Takashima, H., 1771
Oksman, K. See Mathew, A. P., 2014
Okubayashi, S.
—; Griesser, U. J.; Bechtold, T.: Moisture Sorption/Desorption Behavior of Various Manmade Cellulosic Fibers, 1621
—; Itoh, Y.; Shosenji, H.: Improvement of Wettability of Hydrophobic Films by Impregnation of Anthraquinone Attached to Polyoxyethylene Glycol, 545
Omrani, A. See Ghaemy, M., 265
Oouchi, Y. See Tsuchiya, M., 1209
Orme, C. J.
—; Klaehn, J. R.; Harrup, M. K.; Lash, R. P.; Stewart, F. F.: Characterization of 2-(2-Methoxyethoxy)ethanol-Substituted Phosphazene Polymers Using Pervaporaton, Solubility Parameters, and Sorption Studies, 939
Oshima, K. See Liu, C., 1848
Ou, Q. See Zhong, S., 2112
Ouyang, J. See Sun, B., 2215
Ouzineb, K.
—; Graillat, C.; McKenna, T. F.: High-Solid-Content Emulsions. V. Applications of Miniemulsions to High Solids and Viscosity Control, 745
Owens, K. G. See Mourey, T. H., 627
Ozturk, T. See Eroğlu, M. S., 2132

Pączkowski, J. See [/OE]cigalski, F., 358
Pal, R. R.
—; Patil, P. S.; Dere, R. T.; Salunkhe, M. M.; Maldar, N. N.; Wadgaonkar, P. P.: Aromatic Polyimides from *m*-Phenylene Diamines Containing Pendant Groups: Synthesis and Characterization, 1377
Palaty, S. See Sasidharan, K. K., 1804
Paleos, C. M. See Arkas, M., 2299
Pandermarakis, Z. G.
—; Spathis, G.: Plastic Behavior of Glassy Polymers: Experimental and Theoretical Description Based on Three Different Approximations, 2032
Papaspyrides, C. D. See Vouyiouka, S. N., 671
Park, T. S. See Kim, S. S., 2340
Patil, P. S. See Pal, R. R., 1377
Patri, M. See Phadnis, S., 1418; Phadnis, S., 1426
Penczek, P. See Wardzińska, E., 822
Perrin, F. X.
—; Nguyen, V. N.; Vernet, J. L.: Water Absorption Characteristics of Hybrid Materials Incorporating Tetrabutyl Titanate with Acrylic Polymer Via Sol–Gel Process, 92
Phadnis, S.
—; Patri, M.; Chakraborty, B. C.; Singh, P. K.; Deb, P. C.: Proton-Exchange Membranes via the Grafting of Styrene and Acrylic Acid onto Fluorinated Ethylene Propylene Copolymer by a Preirradiation Technique. IV. Dynamic Mechanical Analysis, X-Ray Diffraction, and Scanning Electron Microscopy Studies of Grafted and Sulfonated Membranes, 1426
—; Patri, M.; Chandrasekhar, L.; Deb, P. C.: Proton-Exchange Membranes via the Grafting of Styrene and Acrylic Acid onto Fluorinated Ethylene Propylene Copolymer by a Preirradiation Technique. III. Thermal and Mechanical Properties of the Membranes and Their Sulfonated Derivatives, 1418
Picchioni, F.
—; Goossens, J. G. P.; van Duin, M.: Solid-State Modification of Isotactic Polypropylene (iPP) via Grafting of Styrene. II. Morphology and Melt Processing, 575
Pientka, Z. See Elyashevich, G. K., 1410
Pillai, P. V. See Sasidharan, K. K., 1804
Ping, Q. See Zhang, C., 2161
Piorkowska, E.
—; Billon, N.; Haudin, J. M.; Gadzinowska, K.: Spherulitic Structure Development during Crystallization in Confined Space II. Effect of Spherulite Nucleation at Borders, 2319
Poelt, P. See Ernst, E., 797
Poley, L. H.
—; Siqueira, A. P. L.; da Silva, M. G.; Sanchez, R.; Prioli, R.; Mansanares, A. M.; Vargas, H.: Photothermal Methods and Atomic Force Microscopy Images Applied to the Study of Poly(3-Hydroxybutyrate) and Poly(3-Hydroxybutyrate-*co*-3-Hydroxyvalerate) Dense Membranes, 1491
Polotskaya, G. A. See Elyashevich, G. K., 1410
Ponrathnam, S. See Mule, S. A., 784
Posadas, P. See Ibarra, L., 1825
Prasassarakich, P. See Tangthongkul, R., 2399
Prattipati, V.
—; Hu, Y. S.; Bandi, S.; Schiraldi, D. A.; Hiltner, A.; Baer, E.; Mehta, S.: Effect of Compatibilization on the Oxygen-Barrier Properties of Poly(ethylene terephthalate)/Poly(*m*-xylylene adipamide) Blends, 1361

Praveen, S. See Manoj, N. R., 1763
Priola, A. See Sangermano, M., 293
Prioli, R. See Poley, L. H., 1491
Pukanszky, B. See Lim, K. L. K., 413

Qi, C.
—; Gao, H.; Yan, F.; Liu, W.; Bao, G.; Sun, X.; Chen, J.; Zheng, X.: Study on Preparation and Tribological Properties of Epoxy Resin/SiO_2 Hybrid Thin Film, 38
Qi, R.
—; Jin, X.; Nie, J.; Yu, W.; Zhou, C.: Synthesis and Properties of Polystyrene–Clay Nanocomposites via *In Situ* Intercalative Polymerization, 201
Qian, J. W.
—; An, Q. F.; Wang, L. N.; Zhang, L.; Shen, L.: Influence of the Dilute-Solution Properties of Cellulose Acetate in Solvent Mixtures on the Morphology and Pervaporation Performance of Their Membranes, 1891
Qin, J.-J.
—; Cao, Y.-M.; Li, Y.: Effect of Hypochlorite Concentration on Properties of Posttreated Outer-Skin Ultrafiltration Membranes Spun from Cellulose Acetate/Poly(vinyl pyrrolidone) Blends, 227
Qu, L. See Chen, J., 1586
Qu, L.-J.
—; Zhu, S.-F.; Liu, M.-J.; Wang, S.-Y.: The Mechanism and Technology Parameters Optimization of Alkali-H_2O_2 One-Bath Cooking and Bleaching of Hemp, 2279
Qu, R.-j. See Hou, C., 527
Qu, X.
—; Guan, T.; Liu, G.; She, Q.; Zhang, L.: Preparation, Structural Characterization, and Properties of Poly(methyl methacrylate)/Montmorillonite Nanocomposites by Bulk Polymerization, 348
Quilodrán, B. See Rivas, B. L., 1385
Quiroz, E. See Rivas, B. L., 1385

Radić, D. See Castro, C., 1953
Ragauskas, A. See Yan, Z., 44
Rajammal, G. See Sasidharan, K. K., 1804
Rajan, C. R. See Mule, S. A., 784
Rajkhowa, R.
—; Varma, I. K.; Albertsson, A.-C.; Edlund, U.: Enzyme-Catalyzed Copolymerization of Oxiranes with Dicarboxylic Acid Anhydrides, 697
Raju, K. V. S. N. See Narayan, R., 518; Narayan, R., 1069
Raklaoui, N. See Kaba, M., 2088
Rao, V. L. See Saxena, A., 1987
Raţă, D. See Luca, C., 930
Ratnaprabha, K.
—; Daliya, P. K.: Functional Copolymers of *p*-Cumyl Phenyl Methacrylate and Glycidyl Methacrylate: Synthesis, Characterization, and Reactivity Ratios, 336
Rattanasom, N.
—; Thammasiripong, U.; Suchiva, K.: Mechanical Properties of Deproteinized Natural Rubber in Comparison with Synthetic *cis*-1, 4 Polyisoprene Vulcanizates: Gum and Black-Filled Vulcanizates, 1139
Raupp, G. See Wang, L., 2418
Raut, R. D. See Manoj, N. R., 1763
Ravindran, P. V. See Saxena, A., 1987
Rawls, H. R. See Lee, V. A., 2306
Refai, R. See Ibrahim, N. A., 1024
Reis, R. L. See Vaz, C. M., 604
Rempel, G. L. See Tangthongkul, R., 2399
Ren, L. See Su, J.-f., 1755
Ren, Q. See Li, G., 2192
Retolaza, A.
—; Eguiazábal, J. I.; Nazábal, J.: Reactive Processing Compatibilization of Direct Injection Molded Polyamide-6/Poly(Ethylene Terephthalate) Blends, 564
Reußner, J. See Ernst, E., 797
Ricci, G. See Bertini, F., 1970
Rivas, B. L.
—; Quilodrán, B.; Quiroz, E.: Metal Ion Retention Properties of Poly(acrylic acid) and Poly(*N*-3-(dimethylamino)propyl acrylamide-*co*-acrylic acid], 1385
Robison, T. W. See Smith, B. F., 1590
Rochat, S. See Hakme, C., 1522
Roncuzzi, C. See Sangermano, M., 293
Rosova, E. Y. See Elyashevich, G. K., 1410
Rostami, A. A. See Ghaemy, M., 265
Royappa, A. T.
—; McDaniel, R. L.: Copolymerization of Glycidol with Functionalized Phenyl Glycidyl Ethers, 1462
Rozman, H. D.
—; Musa, L.; Abubakar, A.: Rice Husk–Polyester Composites: The Effect of Chemical Modification of Rice Husk on the Mechanical and Dimensional Stability Properties, 1237
Ruffin, D. See Martel, B., 433

Saçak, M. See Coşkun, R., 1795
Sadhana, R. See Saxena, A., 1987
Saeoui, P. See Sajjayanukul, T., 2197
SaeTiaw, K. See Tanrattanakul, V., 1442
Sáez, P.
—; Aguilera, C.: Anisotropic Network Formation by the Photopolymerization of New Monomers Derived from 4-Hydroxybenzenethiol, 1812
Saikia, P. J.
—; Dass, N. N.; Baruah, S. D.: Cocrystallization Behavior of Poly(*n*-Docosyl Acrylate) with *n*-Docosanoic Acid by X-Ray and Differential Scanning Calorimetry Studies, 2140
—; Dass, N. N.; Baruah, S. D.: Kinetic Study of the Atom Transfer Radical Polymerization of *n*-Docosyl Acrylate, 2147
Sain, M. See Mathew, A. P., 2014
Saito, R.
—; Kobayashi, S.-i.; Hosoya, T.: Effects of Hydroxyl Groups and Architecture of Organic Polymers on Polystyrene/Silica Nanocomposites, 1835
Sajitha, C. J.
—; Mohan, D.: Studies on Cellulose Acetate-Carboxylated Polysulfone Blend Ultrafiltration Membranes. III, 976
Sajjayanukul, T.
—; Saeoui, P.; Sirisinha, C.: Experimental Analysis of Viscoelastic Properties in Carbon Black-Filled Natural Rubber Compounds, 2197
Sakkopoulos, S.
—; Vitoratos, E.; Dalas, E.; Kyriakopoulos, N.; Malkaj, P.; Argyreas, T.: Shrinking Rate of Conducting Grains in HCI–Protonated Polyaniline, Polypyrrole, and Polypyrrole/Polyaniline Blends with Their Thermal Aging, 117
Sakurai, T. See Nagaoka, S., 149
Salunkhe, M. M. See Pal, R. R., 1377
Sanchez, R. See Poley, L. H., 1491
Sánchez-Soto, M. See Martínez, A. B., 2256
Sandu, M. See Luca, C., 930
Sangermano, M.
—; Di Gianni, A.; Malucelli, G.; Roncuzzi, C.; Priola, A.; Voit, B.:

Cationic Photopolymerization of Oxetane-Functionalized Hyperbranched Polymers, 293
Sanopoulou, M. See Dimos, V., 1184
Santana, O. O. See Martínez, A. B., 2256
Sarathchandra, W. D.
—; Mainwaring, D. E.: Effect of Poly(ethylene glycol) on the Hydrophobic Interactions and Rheology of Proanthocyanidin Biopolymers from *Pinus radiata*, 1254
Sasidharan, K. K.
—; Joseph R.; Palaty, S.; Gopalakrishnan, K. S.; Rajammal, G.; Pillai, P. V.: Effect of the Vulcanization Time and Storage on the Stability and Physical Properties of Sulfur-Prevulcanized Natural Rubber Latex, 1804
Sastre, R. See Davidenko, N., 1016
Sato, Y. See Wibawa, G., 1145
—; Nakayama, Y.; Yasuda, H.: Synthesis of Pentavalent Imidovanadium Complexes and Their Catalyses for the Polymerization of Ethylene and Propylene, 1008
Satoh, T. See Nagaoka, S., 149
Sawatari, N.
—; Fukuda, M.; Taguchi, Y.; Tanaka, M.: Composite Polymer Particles with a Gradated Resin Composition by Suspension Polymerization, 682
Saxena, A.
—; Sadhana, R.; Rao, V. L.; Ravindran, P. V.; Ninan, K. N.: Synthesis and Properties of Poly(ether nitrile sulfone) Copolymers with Pendant Methyl Groups, 1987
Sayyah, S. M.
—; Abd EL-Rehim, S. S.; EL-Deeb, M. M.: Electrocopolymerization Kinetics of a Binary Mixture of 3-Chloroaniline 2-Amino-4-phenylthiazole and Characterization of the Obtained Block Copolymer Films, 2076
Schiraldi, D. A. See Prattipati, V., 1361
Schmidt, W. F. See Barone, J. R., 1644
Schneider, C. G. See Barbosa, R. V., 1371
Schoo, H. F. M. See Loos, J., 1001
Schroeder, N. C. See Smith, B. F., 1590
Schwager, F. See Liska, R., 2286
Schwark, D. W. See Luo, N., 2242
Schwartz, P. See Unsal, E., 282
Scigalski, F.
—; Pączkowski, J.: Photoinitiating Free-Radical Polymerization Electron-Transfer Pairs Applying Amino Acids and Sulfur-Containing Amino Acids as Electron Donors, 358
Seferis, J. C. See Georgoulis, L. B., 775
Seytre, G. See Hakme, C., 1522
Shafiei, S. See Abedi, S., 1744
Shanthanalakshmi, D. See Latha, C. S., 1307
Sharifnejad, F.
—; Bahrami, S. H.; Noorpanah, P.: Kinetics Studies on Copolymerization of Acrylonitrile Vinyl Acids by Solvent–Water Suspension Polymerization, 1284
Sharmin, E. See Zafar, F., 1818
She, Q. See Qu, X., 348
Shen, H.-F. See Lai, S.-M., 257; Lai, S.-M., 1316
Shen, J. See Chen, K., 705
Shen, J.-W.
—; Huang, W.-Y.; Zuo, S.-W.; Hou, J.: Polyethylene/Grafted Polyethylene/Graphite Nanocomposites: Preparation, Structure, and Electrical Properties, 51
Shen, L. See Qian, J. W., 1891
Shen, X. See Ding, J., 1776
Shen, Y. See Li, G., 2192
Shen, Z. See Cao, Y., 1659
—; McHugh, M. A.; Smith, D. W., Jr.; Abayasinghe, N. K.; Jin, J.: Impact of Hexafluoroisopropylidene on the Solubility of Aromatic-Based Polymers in Supercritical Fluids, 1736
Sheng, J. See Zhao, Z., 466
Shi, F.-H. See Zhao, J.-H., 2273
Shi, W. See Ding, J., 1776; Liang, H., 185; Xu, J., 1714
Shi, Z. See Liu, Y., 1688
Shieh, C.-F. See Wang, H.-W., 2175
Shih, Z.-H. See Chou, K.-S., 128
Shimomura, M. See Liu, C., 1848
Shin, B. C. See Kim, S. S., 2340
Shin, D.-H. See Kim, J.-Y., 2357
Shin, Y.
—; Yoo, D.-I.; Son, K.: Development of Thermoregulating Textile Materials with Microencapsulated Phase Change Materials (PCM). IV. Performance Properties and Hand of Fabrics Treated with PCM Microcapsules, 910
Shiomi, T. See Sunada, K., 1545
Shosenji, H. See Okubayashi, S., 545
Shu, X. See Zhong, S., 2112
Shu, Y.-C. See Hsiao, K., 1220
Shukla, S. R.
—; Harad, A. M.: Glycolysis of Polyethylene Terephthalate Waste Fibers, 513
Siegmann, A. See Aleperstein, D., 2060
Simanke, A. G. See Barbosa, R. V., 1371
Äimkovic, I.
—; Martvoňová, D.; Maníková, D.; Grexa, O.: Flame Retardance of Insolubilized Silica Inside of Wood Material, 1948
Singh, B. C. See Mohanty, H., 2105
Singh, P. K. See Phadnis, S., 1426
Siqueira, A. P. L. See Poley, L. H., 1491
Sirisinha, C. See Sajjayanukul, T., 2197
Sirisinha, K.
—; Kawko, K.: Crosslinkable Polypropylene Composites Made by the Introduction of Silane Moieties, 1476
Sivaraman, P. See Manoj, N. R., 1763
Skladannyy, D. M. See Król, P., 1855
Smith, B. F.
—; Robison, T. W.; Carlson, B. J.; Labouriau, A.; Khalsa, G. R. K.; Schroeder, N. C.; Jarvinen, G. D.; Lubeck, C. R.; Folkert, S. L.; Aguino, D. I.: Boric Acid Recovery Using Polymer Filtration: Studies with Alkyl Monool, Diol, and Triol Containing Polyethylenimines, 1590
Smith, D. W., Jr. See Shen, Z., 1736
Solomon, S.
—; Bakar, A. A.; Ishak, Z. A. M.; Ishiaku, U. S.; Hamada, H.: Microstructure and Fracture Behavior of (Co)Injection-Molded Polyamide 6 Composites with Short Glass/Carbon Fiber Hybrid Reinforcement, 957
Sombatsompop, N.
—; Yotinwattanakumtorn, C.; Thongpin, C.: Influence of Type and Concentration of Maleic Anhydride Grafted Polypropylene and Impact Modifiers on Mechanical Properties of PP/Wood Sawdust Composites, 475
Somers, E. B. See Dong, B., 485
Son, K. See Shin, Y., 910
Song, K. J. See Lim, H. K., 1170

Song, X.-K. See Sun, B., 2215
Spathis, G. See Pandermarakis, Z. G., 2032
Sreedhar, B. See Narayan, R., 518; Narayan, R., 1069
Srinivasan, K. S. V. See Krishnan, R., 989
Stampfl, J. See Liska, R., 2286
Statyukha, G. A. See Król, P., 1855
Steller, R. T.
—; Rheological Behavior of Polymer Melts with Natural Fibers, 1401
Stevens, F.
—; Spectrophotometric Measurement of Swelling of Polymer Films by Very Poor Solvents, 1082
Stevenson, I. See Hakme, C., 1522
Stewart, F. F. See Orme, C. J., 939
Su, J.-f.
—; Wang, L.-x.; Ren, L.: Preparation and Characterization of Double-MF Shell MicroPCMs Used in Building Materials, 1755
Suchiva, K. See Rattanasom, N., 1139
Suh, K. S. See Yu, D.-G., 72
Sun, B.
—; Mi, Z.-T.; Ouyang, J.; An, G.; Song, X.-K.: Pb^{2+} Binding by Polyaspartyl Polymers and Their Application to PB^{2+} Removal from Glycyrrhizin, 2215
Sun, G. See Cai, Z., 1227
Sun, H. See Gao, G., 878
Sun, J.
—; Wu, G.; Wang, Q.: The Effects of Carbonization Temperature on the Properties and Structure of PAN-Based Activated Carbon Hollow Fiber, 2155
Sun, J. X.
—; Xu, F.; Geng, Z. C.; Sun, X. F.; Sun, R. C.: Comparative Study of Cellulose Isolated by Totally Chlorine-Free Method from Wood and Cereal Straw, 322
Sun, Q.-J.
—; Zhang, B.-Y.; Jia, Y.-G.; Yang, L.: Mesomomorphism Enhancement of Modified Side-Chain Liquid-Crystalline Polysiloxanes by Copolymerization, 1196
Sun, R. C. See Sun, J. X., 322
Sun, X. See Qi, C., 38
Sun, X. F. See Sun, J. X., 322
Sunada, K.
—; Takenaka, K.; Shiomi, T.: Synthesis of Polychloroprene–Silica Composites by Sol-Gel Method in the Presence of Modified Polychloroprene Containing Triethoxysilyl Group, 1545
Sundararaj, U. See Breuer, O., 136
Sweelssen, J. See Loos, J., 1001

Taguchi, Y. See Sawatari, N., 682
Taha, M. See Colbeaux, A., 837
Tajvidi, M.
—; Falk, R. H.; Hermanson, J. C.: Time–Temperature Superposition Principle Applied to a Kenaf-Fiber/High-Density Polyethylene Composite, 1995
Takafuji, M. See Nagaoka, S., 149
Takahashi, M.
—; Ito, M.; Ida, S.; Ikawa, T.: Effects of Molecular Weight on Phase Structure of Poly(ethylene terephthalate)/Poly(ethylene 2,6-naphthalate) Blends, 2428
Takashima, H.
—; Okamoto, S.; Yoshimizu, H.; Tsujita, Y.: Structure and Gas Sorption Properties of an Aromatic Polyamide with Long Alkyl Side Chains, 1771
Takasu, A. See Nishimura, Y., 2118
Takeda, K.
—; Abe, M.; Kobayashi, T.: Molecular-Imprinted Nylon Membranes for the Permselective Binding of Phenylalanine as Optical-Resolution Membrane Adsorbents, 620
Takenaka, K. See Sunada, K., 1545
Taki, K.
—; Nitta, K.; Kihara, S.-I.; Ohshima, M.: CO_2 Foaming of Poly(ethylene glycol)/Polystyrene Blends: Relationship of the Blend Morphology, CO_2 Mass Transfer, and Cellular Structure, 1899
Takiguchi, Y. See Nagaoka, S., 149
Takishima, S. See Wibawa, G., 1145
Tan, B. See Zhang, H., 1695
Tan, S. T. See Huang, Z. F., 1626
Tanaka, M. See Sawatari, N., 682
Tanaka, S. See Tsuchiya, M., 1209
Tang, H.-J. See Chern, C.-S., 2005
Tang, X. See Chen, K., 705
Tangthongkul, R.
—; Prasassarakich, P; Rempel, G. L.: Hydrogenation of Natural Rubber with $Ru[CH{=}CH(Ph)]C1(CO)(PCy_3)_2$ as a Catalyst, 2399
Tanrattanakul, V.
—; SaeTiaw, K.: Comparison of Microwave and Thermal Cure of Epoxy–Anhydride Resins: Mechanical Properties and Dynamic Characteristics, 1442
Tao, X. M. See Zhang, X. X., 390
Taşdelen, B.
—; Kayaman-Apohan, N.; Mısırlı, Z.; Güven, O.; Baysal, B. M.: Preparation, Characterization, and Drug-Release Properties of Poly(*N*-isopropylacrylamide) Microspheres Having Poly(Itaconic Acid) Graft Chains, 1115
Teng, C.
—; Yu, M.: Grafting of Multifunctional Groups onto the Surface of High-Strength Polyethylene Fibers and the Interface of Their Composites, 449
Teng, M.-Y. See Yao, W.-H., 595
Teruya, M. Y. See Camillo, E. C., 1498
Tetsuya, T.
—; Ishiaku, U. S.; Mizoguchi, M.; Hamada, H.: The Effect of Heat Sealing Temperature on the Properties of OPP/CPP Heat Seal. I. Mechanical Properties, 753
Thaker, M. D.
—; Trivedi, H. C.: Ultraviolet-Radiation-Induced Graft Copolymerization of Methyl Acrylate onto the Sodium Salt of Partially Carboxymethylated Guar Gum, 1977
Thammasiripong, U. See Rattanasom, N., 1139
Thomas, S. See Idicula, M., 2168; Mathai, A. E., 1561
Thongpin, C. See Sombatsompop, N., 475
Tobata, H. See Nagaoka, S., 149
Topalovic, T. See Jocic, D., 2204
Trchová, M. See Elyashevich, G. K., 1410
Trivedi, H. C. See Thaker, M. D., 1977
Truss, R. See Finnigan, B., 300
Tsai, Y. Z. See Chen, Y. C., 455
Tsen, W.-C. See Hsiao, K., 1220
Tsiourvas, D. See Arkas, M., 2299
Tsuchiya, M.
—; Oouchi, Y.; Tanaka, S.; Kojima, T.: Scission of the Poly(methyl methacrylate-*co*-methacrylic acid) Chain by Excited-State Acridine, 1209
Tsujita, Y. See Takashima, H., 1771
Tyr'yan, Y. I.
—; Gorenbein, P.; Domb, A. J.: Analysis of the Kinetics and Current Efficiency of Pyrrole Galvanostatic Electropolymerization, 1167

Ugbolue, S. C. See Mani, G., 218
Ulbricht, M. See Yang, H., 158
Umar, Y. See Ali, S. A., 1298
Unsal, E.
—; Dane, J. H.; Schwartz, P.: Effect of Liquid Characteristics on the Wetting, Capillary Migration, and Retention Properties of Fibrous Polymer Networks, 282
Urmenyi, A. M. See Luca, C., 930
Uyama, H. See Li, J., 2439

van Doeveren, P. F. N. M. See Vaz, C. M., 604
van Duin, M. See Picchioni, F., 575
van Es, S. See do Amaral, M., 733
Van Puyvelde, P. See Acierno, S., 666
Vargas, H. See Poley, L. H., 1491
Varlet, J. See Hakme, C., 1522
Varma, I. K. See Rajkhowa, R., 697
Vaz, C. M.
—; van Doeveren, P. F. N. M.; Yilmaz, G.; de Graaf, L. A.; Reis, R. L.; Cunha, A. M.: Processing and Characterization of Biodegradable Soy Plastics: Effects of Crosslinking with Glyoxal and Termal Treatment, 604
Veenstra, S. C. See Loos, J., 1001
Velasco, J. I. See Martínez, A. B., 2256
Venkataraman, A. See Mallikarjuna, N. N., 1868
Vernet, J. L. See Perrin, F. X., 92
Verneuil, B. See Joly, N., 1266
Vílchez, S. See Jocic, D., 2204
Visconte, L. L. Y. See Martins, A. F., 2125
Vitoratos, E. See Sakkopoulos, S., 117
Voit, B. See Sangermano, M., 293
Vouyiouka, S. N.
—; Papaspyrides, C. D.; Weber, J.; Marks, D.: Polyamide Solid State Polymerization: Evaluation of Pertinent Kinetic Models, 671
Vrentas, C. M. See Vrentas, J. S., 793
Vrentas, J. S.
—; Vrentas, C. M.: Effect of the Polymer Glass Transition on the Chromatographic Retention Volumes, 793

Wadgaonkar, P. P. See Pal, R. R., 1377
Waly, A. See Hakeim, O. A., 559
Wan, Y. Z.
—; Han, K. Y.; Wang, Y. L.; Huang, Y.: Moisture Sorption of a Three-Dimensional Braided Carbon Fiber–Epoxy Composite Under Different Media, 507
Wang, A. See Zhang, H., 1695
Wang, C. See Cheng, Y., 1
—; Chen, J.-C.; Yao, W.-H.; Chen, C.-C.: Pore and Crosslinking Structures of Cotton Cellulose Crosslinked with DMDHEU-Maleic Acid, 143
Wang, C.-C.
—; Chen, C.-C.: Physical Properties of Crosslinked Cellulose Catalyzed with Nano Titanium Dioxide, 2450
Wang, C.-g. See Hou, C., 527
Wang, C.-K. See Lai, S.-M., 1316
Wang, Cheng-Chien
—; Wang, Chun-Chih: Synthesis and Characterization of Chelating Resins with Amino Moieties and Application on Removal of Copper(II) from EDTA Complexes, 2457
Wang, Chun-Chih. See Wang, Cheng-Chien, 2457
Wang, D. See Zhang, Y.-H., 1652
Wang, H.
—; Brown, H. R.: Lamination of High-Density Polyethylene by Bulk Photografting and the Mechanism of Adhesion, 1097
Wang, H.-W.
—; Shieh, C.-F.; Chang, K.-C.; Chu, H.-C.: Synthesis and Dielectric Properties of Poly(methyl methacrylate)–Clay Nanocomposite Materials, 2175
Wang, J. See Chen, J., 1586
Wang, J. Q.
—; Chow, W. K.: A Brief Review on Fire Retardants for Polymeric Foams, 366
Wang, J. X. See Zheng, J. P., 1033
Wang, Jianfeng. See Wang, W., 1632
Wang, Jianjun. See Wang, W., 1632
Wang, L. See Guo, T., 1154; Guo, X., 2067; Lu, J., 2072; Wang, W., 1632; Wu, X., 1292
—; Raupp, G.: Investigation of Dow Cyclotene 4026 Surface Amination by Downstream Plasma Treatment, 2418
Wang, L. N. See Qian, J. W., 1891
Wang, L.-x. See Su, J.-f., 1755
Wang, Q. See Sun, J., 2155
Wang, S. See Yang, D., 2330; Zhang, J., 1681
Wang, S.-Y. See Qu, L-J., 2279
Wang, T. See Xiong, C., 850
Wang, W.
—; Wang, L.; Wang, Jianfeng; Ma, Z.; Wang, Jianjun: Study on Ethylene (Co)Polymerization and Its Kinetics Catalyzed by a Reversible Crosslinked Polystyrene-supported Metallocene Catalyst, 1632
Wang, X.-Q. See Zhao, J.-H., 2273
Wang, X. Y. See Huang, Z. F., 1626
Wang, Y. See Cui, X., 1637; He, X.-Z., 498; Zhang, H., 844
—; Chen, F.-B.; Wu, K.-C.: Effect of the Molecular Weight of Maleated Polypropylenes on the Melt Compounding of Polypropylene-Organoclay Nanocomposites, 1667
Wang, Y. L. See Wan, Y. Z., 507
Wang, Z. See Zhao, Y., 195
Wangxi, Z. See Jie, L., 2047
Wanjun, T. See Conxiu, G., 1875
Wantai, Y. See Jianping, D., 2230
Wardzińska, E.
—; Penczek, P.: Influence of the Glycol Component in Dibenzoate Plasticizers on the Properties of Plasticized PVC Films, 822
Warley, R. L.
—; Feke, D. L.; Manas-Zloczower, I.: Effect of Peroxide Crosslinking on the Dynamic Modulus of Silicone Rubber, 1504
Wautier, H. See Colbeaux, A., 837
Weber, J. See Vouyiouka, S. N., 671
Weltrowski, M. See Martel, B., 433
White, J. L. See Kim, I., 1605
Wibawa, G.
—; Takishima, S.; Sato, Y.; Masuoka, H.: An Improved Prediction Result of Entropic-FV Model for Vapor–Liquid Equilibria of Solvent–Polymer Systems, 1145
Wilén, C.-E. See Liu, H., 1941
Willett, J. L. See Gordon, S. H., 813
Wojturska, J. See Król, P., 1855
Wong, A. C. L. See Dong, B., 485
Worley, S. D. See Liang, J., 1161
Wu, C.-S. See Liao, H.-T., 397
Wu, F.-T. See Liu, J.-H., 721
Wu, G. See Sun, J., 2155
Wu, H.-C. See Meng, L.-J., 1261
Wu, H.-Q. See He, X.-Z., 498
Wu, J. See Lu, J., 2072
—; Yang, S.; Gao, S.; Hu, A.; Fan, L.: Preparation and Properties of Layered Silicate/Polyimide Hybrid Films, 1176
Wu, J.-H. See Chiu, H.-T., 711
Wu, J.-J. See Lin, C.-H., 893
Wu, K.-C. See Wang, Y., 1667
Wu, Q. See Zheng, S.-Y., 2186
Wu, R. See Liang, J., 1161
Wu, X.
—; Wang, L.; Yu, H.; Huang, Y.: Effect of Solvent on Morphology

of Electrospinning Ethyl Cellulose Fibers, 1292
Wu, Y. See Zhang, H., 844
Wu, Z. See Guo, Z., 2238

Xiao, L.-J. See He, X.-Z., 498
Xiaoyan, M.
—; Guozheng, L.; Haijun, L.; Hailin, L.; Yun, H.: Novel Intercalated Nanocomposites of Polypropylene, Organic Rectorite, and Poly(ethylene octene) Elastomer: Morphology and Mechanical Properties, 1907
Xie, D. See Xie, H.-Q., 1248
Xie, H.-Q.
—; Deng, J.-C.; Xie, D.: Synthesis of Amphiphilic Graft Copolymers of SBS with Acrylamide and Study of Their Properties, 1248
Xing, C.-M.
—; Deng, J.-P.; Yang, W.-T.: Synthesis of Antibacterial Polypropylene Film with Surface Immobilized Polyvinylpyrrolidone-Iodine Complex, 2026
Xiong, C.
—; Lu, S.; Wang, T.; Hong, Y.; Chen, T.; Zhou, Z.: Study on Morphology of Compatibilized Poly (Vinyl Chloride)/Ultrafine Polyamide-6 Blends by Styrene–Maleic Anhydride, 850
Xu, D.-M.
—; Zhang, K.-D.; Ning, C.-H.; Zhu, X.-L.: Synthesis and Characterization of Novel Dendritic Poly(ester-amine) with Peripheral Hydroxyl, 60
Xu, F. See Sun, J. X., 322
Xu, J. See Fu, Z., 640
—; Shi, W.; Gong, M.; Yu, F.; Yan, L.: Preparation of Poly(methyl Methacrylate-*co*-Maleic Anhydride)/SiO_2-TiO_2 Hybrid Materials and Their Thermo- and Photodegradation Behaviors, 1714
Xu, J.-T.
—; Zhang, Y.-J.; Guan, F.-X.; Fan, Z.-Q.: Isothermal Crystallization of Metallocene-Based Propylene/α-Olefin Copolymers, 240
Xu, M. See Huang, J., 652
Xu, X.
—; Zhang, L.; Zhang, Y.: Urea/NaOH Aqueous Solution as New Solvent of Aeromonas Gum, 1710
Xu, Y.-Y. See Zhang, J., 20

Yan, D. See Cui, X., 1637
Yan, F. See Qi, C., 38
Yan, L. See Xu, J., 1714
Yan, Q. See Zhao, J.-H., 2273
Yan, Z.
—; Liu, Q.; Deng, Y.; Ragauskas, A.: Improvement of Paper Strength with Starch Modified Clay, 44
Yanagisawa, M. See Obokata, T., 2249
Yang, C.-P.
—; Hsiao, S.-H.; Chen, Y.-C.: Soluble and Light-Colored Polyimides from 2,3,2′,3′-Oxydiphthalic Anhydride and Aromatic Diamines, 1352
Yang, D.
—; Chang, X.; Liu, Y.; Wang, S.: Synthesis and Application of Spherical Macroporous Epoxy–Polyamide Chelating Resin for Preconcentration and Separation of Trace Ga(III), In(III), Bi(III), V(V), Cr(III), and Ti(IV) from Solution Samples, 2330
Yang, F. See Ye, L., 872; Zhao, Y., 195
Yang, G. See Zhao, J.-H., 2273
Yang, H.
—; Lazos, D.; Ulbricht, M.: Thin, Highly Crosslinked Polymer Layer Synthesized via Photoinitiated Graft Copolymerization on a Self-Assembled-Monolayer-Coated Gold Surface, 158
Yang, H.-S. See Kim, H.-S., 1513
Yang, J. See Zhang, H., 844
Yang, L. See Liu, Y., 1688; Sun, Q.-J., 1196
Yang, O. See Kim, S., 103
Yang, S. See Wu, J., 1176
Yang, W.-T. See Xing, C.-M., 2026
Yang, X. See Loos, J., 1001
Yang, Y. See Mani, G., 218
Yao, K. D. See Zheng, J. P., 1033
Yao, S. See Guo, X., 2067; Lu, J., 2072
Yao, W.-H. See Wang, C., 143
—; Chen, J.-C.; Hu, M.-S.; Teng, M.-Y.; Huang, P.-H.; Lin, J. M.; Chen, C.-C.: Crosslinking of Cotton Cellulose in the Presence of Serine and Glycine. I. Physical Properties and Reaction Kinetics, 595
Yao, Y.
—; Zhao, T.; Yu, Y.: Novel Thermosetting Resin with a Very High Glass-Transition Temperature Based on Bismaleimide and Allylated Novolac, 443
Yasuda, H. See Sato, Y., 1008
Yavuz, H. See Bereli, N., 1202
Ye, L. See Hu, Y., 2387
—; Zhong, A.; Chen, D.; Yang, F.: Preparation and Properties of Nano-Montmorillonite Paper–Plastic Laminating Adhesive, 872
Yeh, J.-T. See Lai, J.-Z., 550
—; Huang, S.-S.; Chen, H.-Y.: Barrier Resistance of Polyethylene, Polyethylene/Modified Polyamide, and Polyethylene/Blends of Modified Polyamide and Ethylene Vinyl Alcohol Bottles Against Permeation of Polar and Nonpolar Mixed Solvents, 1333
Yen, M.-S.
—; Chen, J.-C.; Chen, C.-C.: Degree of Crosslinking and Physical Properties of Dimethyloldihydroxyethyleneurea/Acrylic Acid Crosslinked Cotton Fabrics after Treatment with Various Metallic Salts, 584
Yi, W.-H. See Meng, L.-J., 1261
Yi, X. See Liu, P., 611
Yick, K. L. See Zhang, X. X., 390
Yilmaz, G. See Vaz, C. M., 604
Yin, J.
—; Zhang, Yong; Zhang, Yinxi: Deformation Mechanism of Polypropylene Composites Filled with Magnesium Hydroxide, 1922
Ying, L. See Hou, C., 527
Yoo, D.-I. See Shin, Y., 910
Yoon, S.-H. See Hong, C. H., 2311
Yoshimizu, H. See Takashima, H., 1771
Yotinwattanakumtorn, C. See Sombatsompop, N., 475
Yousif, A. M. See Atia, A. A., 806
Youssef, M. A. See Ibrahim, N. A., 1024
Yu, D.-G.
—; An, J. H.; Bae, J. Y.; Ahn, S. D.; Kang, S.-Y.; Suh, K. S.: Preparation of Titanium Dioxide/Poly(methyl methacrylate-*co*-*n*-butyl acrylate-*co*-methacrylic acid) Hybrid Composite Particles Via Emulsion Polymerization, 72
Yu, F. See Xu, J., 1714
Yu, H. See Wu, X., 1292
Yu, J. See Liu, W.-F., 1538
Yu, M. See Teng, C., 449
Yu, W. See Liu, X., 310; Qi, R., 201
Yu, Y. See Yao, Y., 443
Yuan, X. See Zhao, Z., 466
Yun, H. See Xiaoyan, M., 1907
Yusof, A. H. See Lim, K. L. K., 413

Zafar, F.
—; Sharmin, E.; Ashraf, S. M.; Ahmad, S.: Ambient-Cured Polyesteramide-Based Anticorrosive Coatings from Linseed Oil—A Sustainable Resource, 1818
Ze-Min, X. See Jing-Bo, Z., 1484
Zeng, J. See Zhao, J.-H., 2273
Zha, L. S. See Zhang, G. Q., 1931
Zhang, A. See Guo, T., 1154
Zhang, B. See Guo, Z., 2238
Zhang, B.-Y. See He, X.-Z., 498; Sun, Q.-J., 1196; Zheng, Y.-Y., 2392
Zhang, C.
—; Ping, Q.; Ding, Y.: Synthesis and Characterization of Chitosan Derivatives Carrying Galactose Residues, 2161
Zhang, G. Q.
—; Zha, L. S.; Zhou, M. H.; Ma, J. H.; Liang, B. R.: Preparation and Characterization of pH- and Temperature-Responsive Semi-interpenetrating Polymer Network Hydrogels Based on Linear Sodium Alginate and Crosslinked Poly(*N*-isopropylacrylamide), 1931
Zhang, H.
—; Tan, B.; Wang, A.; Cao, J.: Concentrated Emulsion Polymerization of Methyl Methacrylate/Butyl Acrylate Initiated by a Redox System, 1695
—; Wang, Y.; Wu, Y.; Zhang, L.; Yang, J.: Study on Flammability of Montmorillonite/Styrene-Butadiene Rubber (SBR) Nanocomposites, 844
Zhang, J.
—; Li, X.; Chai, S.; Wang, S.; Cheng, S.: Particle Morphology and NMR Structure of Polymethylmethacrylate/Polystyrene Emulsifier-Free Core–Shell Cationic Latices in the Presence of DBMEA, 1681
—; Zhu, B.-K.; Chu, H.-J.; Xu, Y.-Y.: Silica/Polyimide Hybrids and Their Dielectric Properties. I. Preparation with an Improved Sol–Gel Process with Poly(amic acid) as the Precursor, 20
Zhang, K.-D. See Xu, D.-M., 60
Zhang, L. See Gao, G., 878; Qian, J. W., 1891; Qu, X., 348; Xu, X., 1710; Zhang, H., 844
Zhang, L.-F. See Zheng, Y.-Y., 2392
Zhang, M. See Gao, G., 878
Zhang, S.-L. See Zhang, Y.-H., 1652
Zhang, W. See Liu, Y., 232
Zhang, X. See Ma, J.-T., 316
Zhang, X. X.
—; Tao, X. M.; Yick, K. L.; Fan, Y. F.: Expansion Space and Thermal Stability of Microencapsulated *n*-Octadecane, 390
Zhang, Y. See Fu, Z., 640; Xu, X., 1710; Zhao, Z., 466
Zhang, Y.-H.
—; Liu, Q.-H.; Niu, Y.-M.; Zhang, S.-L.; Wang, D.; Jiang, Z.-H.: Properties and Crystallization Kinetics of Poly(ether ether ketone)-*co*-Poly(ether ether ketone ketone) Block Copolymers, 1652
Zhang, Y.-J. See Xu, J.-T., 240
Zhang, Yinxi. See Yin, J., 1922
Zhang, Yong. See Yin, J., 1922
Zhao, J.-H.
—; Wang, X.-Q.; Zeng, J.; Yang, G.; Shi, F.-H.; Yan, Q.: Biodegradation of Poly(Butylene Succinate) in Compost, 2273
Zhao, L. See Ma, J.-T., 316
Zhao, T. See Yao, Y., 443
Zhao, Y.
—; Wang, Z.; Yang, F.: Characterization of Poly(D,L-lactic acid) Synthesized by Direct Melt Polymerization and Its Application in Chinese Traditional Medicine Compound Prescription Microspheres, 195
Zhao, Z.
—; Li, J.; Yuan, X.; Li, X.; Zhang, Y.; Sheng, J.: Preparation and Properties of Electrospun Poly(Vinylidene Fluoride) Membranes, 466
Zheng, J. P.
—; Wang, J. X.; Gao, S.; Yao, K. D.: Swelling Behavior of Gelatin-*g*-Poly(Butyl Acrylate) Copolymers, 1033
Zheng, Q. See Jiang, G., 2182
Zheng, S.-Y.
—; Chen, Z.-C.; Lu, D.-S.; Wu, Q.; Lin, X.-F.: Graft Copolymerization of Water-Soluble Monomers Containing Quaternary Ammonium Group on Poly(Vinyl Alcohol) Using Ceric Ions, 2186
Zheng, X. See Hu, Y., 2387; Qi, C., 38
Zheng, Y.-Y.
—; Li, Q.-Y.; Zhang, B.-Y.; Zhang, L.-F.: Synthesis and Mesomorphic Properties of Side-Chain Cholesteric Liquid-Crystalline Polysiloxanes, 2392
Zhong, A. See Ye, L., 872
Zhong, S.
—; Meng, Y.; Ou, Q.; Shu, X.: Plasma Induced Grafting of PSt onto Titanium Dioxide Powder. II, 2112
Zhou, C. See Qi, R., 201
Zhou, J.
—; Hanna, M. A.: Effects of the Properties of Blowing Agents on the Processing and Performance of Extruded Starch Acetate, 1880
Zhou, M. H. See Zhang, G. Q., 1931
Zhou, Z. See Xiong, C., 850
Zhu, B.-K. See Zhang, J., 20
Zhu, S.-F. See Qu, L-J., 2279
Zhu, X.-L. See Xu, D.-M., 60
Zhu, Y. See Liu, Y., 232
Zou, Y. See Huang, J., 652
Zuo, S.-W. See Shen, J.-W., 51

Journal of Applied Polymer Science

Subject Index to Volume 97

Accelerated weathering, 1069
Acetic acid, 322
Acidolysis, 761
Acrylamide, 1248
Acrylate crosslinker, 80
Acrylic, 886
Acrylic bone cement, 2340
Acrylonitrile–butadiene–styrene, 128
Activated carbon hollow fiber, 2155
Activation energy, 143, 595, 671, 784, 862, 1442, 1637
Additives, 527, 1254, 2279
Adhesion, 797, 893, 1097, 1818, 1961
Adhesives, 1254, 2221
Adsorption, 584, 1202, 1213, 2155, 2215
Aeromonas gum, 1710
Aging, 117, 1783, 2418
Agro-flour, 1513
Alcohol, 1082
Alkyl di-allyl ammonium salt, 862
Alloys, 532, 640
Allyl methyl maleate, 1941
Alpha grass soda lignin, 1065
Amorphous, 939, 1586
Amorphous poly(ethylene terephthalate), 123
Amphiphiles, 545, 1462
Anhydride, 946
Annealing, 310
Anodic polymerization, 1167
Antibacterial materials, 2026
Antimicrobial acrylics, 1227
Antioxidants, 2097
Association, 1298, 1891
Atomic force microscopy (AFM), 2418
Atom transfer radical polymerization (ATRP), 989, 2067, 2147
Autocatalytic model, 1345
Avrami equation, 1
Azetidinium group, 2249
Aziridine, 550
Azo polymers, 1261

Barrier, 282
Barrier resistance, 1333
Binary monomers, 2469
Biocomposites, 1513, 2014
Biodegradable, 195, 257, 659, 1266, 1513, 1736, 2118, 2264, 2273, 2439
Biofilm, 485
Biological applications of polymers, 1161
Biomaterials, 413, 1931, 2340
Biomedical polymer, 2105
Biopolyesters, 2132
Biopolymers, 813, 893, 1513, 1644, 1783, 1880, 2204
Bismuth, 2330
Black liquor, 1065
Blend film, 1498
Blends, 117, 136, 227, 257, 413, 564, 575, 878, 976, 1024, 1361, 1763, 1875, 1899, 1961, 2428, 2439
Block copolymers, 989, 1652
Blowing agents, 1880
Branch content, 2488
Butyl rubber, 1125

Calculations, 248, 1145, 1753
Calorimetry, 1345
Capillary rheometer, 705
Carbon black, 2197
Carbonization, 2155
Carbon nanofiber fabric, 165
Carboxylated polysulfone, 976, 1307
Carboxymethylated guar gum, 1977
Cast polypropylene film (CPP film), 753
Catalysis, 697, 2072
Catalyst-free esterification, 1266
Catalysts, 8, 143, 513, 595, 1008, 1279, 1744, 2399, 2450
Cationic photopolymerization, 293
Cationic polymerization, 1395, 1462, 1574
Cationic polyurethane-acrylate hybrid dispersions, 2192
CD-PCA, 1220
Cellulose, 322, 1266
Cellulose acetate, 976
Ceric ammonium nitrate, 2186
Chain, 640
Chain conformation, 1710
Characterization, 171, 1977, 2076
Charge transfer, 2230
Chemical initiation, 80
Chiral, 498, 2364
Chitosan, 559, 1953, 2161
Chlorine-free method, 322
Chromatography, 793, 1202
Chromium, 2330
Circumferential superdrawing, 123
Clausius-Clapeyron relation, 405
Clay, 44, 201, 218, 397, 844, 1051, 2060, 2175, 2375
^{13}C-NMR, 232, 1987
Coatings, 518, 893, 1069, 1818, 1835
Cocrystallization, 2140
Coefficient of friction, 2242
Cold plasma, 485, 2204, 2418
Comb-like polymers, 2140, 2147
Comonomer inclusion, 240
Compatibilization, 564, 611, 850, 1248, 1667, 1953, 2060, 2407
Compatibilizer precursor, 1333
Composite particles, 72
Composite resins, 2306
Composites, 426, 449, 507, 682, 916, 957, 1038, 1065, 1090, 1107, 1237, 1410, 1442, 1476, 1545, 1848, 1922, 1995, 2125, 2168, 2221, 2256
Composition distribution, 2488
Composting, 2273
Computer modeling, 1750
Conducting polymers, 51, 117, 1001, 1498, 1848
Conductivity, 711
Cone calorimeter, 1948
Conjugated polymers, 1261
Coordinate, 2072
Copolymer, 232, 2072
Copolymerization, 80, 240, 336, 691, 1284, 1298, 1462, 1753
Core–shell polymers, 1681
Corn starch, 1107
Coupling, 837
Crosslink density, 1139
Crosslinking, 8, 103, 143, 158, 433, 498, 584, 595, 604, 648, 691, 761, 766, 968, 1024, 1432, 1442, 1476, 1504, 1538, 1632, 1804, 2407, 2450
Cross-polarization/magic-angle spinning ^{13}C-NMR, 322
Crystallinity, 1220, 1418, 1426
Crystallization, 240, 878, 1051, 1154, 1637, 1652, 1915, 1970, 2319
Crystallization behavior, 1107
Crystal structures, 1008
Cure kinetics, 1626, 2238
Curing of polymers, 265, 426, 697, 1442
Current switching, 1125
Cyclic voltammetry, 2076
Cyclopolymerization, 1298
Cyclotene, 2418

Degradation, 513, 784, 1069, 1209, 1432, 1714, 1948, 2279
Degree of polymerization, 976
Dendrimers, 60
Depolymerized grades, 559
Diallylammonium monomers, 1298
Diallyl phthalate, 1725

Dielectric properties, 20, 1176, 1522, 1868, 2175
Die swell, 705
Differential scanning calorimetry (DSC), 103, 265, 946, 989, 1637, 1644, 1652, 1970, 1987, 2140, 2488
Differential spectral deconvolution, 813
Differential thermal analysis/thermogravimetry, 2054
Diffusion, 65, 92, 775, 793, 1184, 1899, 2204, 2476
Diffusion coefficient, 1491
Dimethyloldihydroxyethyleneurea, 862
Discoloration, 1395
Dispersions, 733
Dissociation, 952
DMA, 1371
DMA curing and thermal stability of UF and UMF resins, 377
Drawing, 272, 1750, 2118
Drug delivery system, 195, 2161
Drug release, 1115
DSC, 2238
Dyes, 545
Dyes/pigments, 65, 2204
Dynamic light scattering, 1538
Dynamic mechanical properties, 2014, 2197

EELS, 1001
EGDM, 1725
Elastomers, 498, 1504, 1725, 1907
Electrical conducting fabrics, 1326
Electrical conductivity, 867
Electrocopolymerization, 2076
Electromagnetic interference shielding, 1125
Electromagnetic shielding, 128
Electron beam irradiation, 80, 103, 648, 968
Electron microscopy, 797
Electron spectroscopy for chemical analysis, 2450
Electron spin resonance, 103
Electrospinning, 165, 466, 1292
Emulsifiers, 886
Emulsifying property, 1248
Emulsion polymerization, 72, 248, 733, 745, 872, 1248, 1538, 1681, 1695, 2005
Encapsulation efficiency, 72
Enzymes, 8, 697
EPDM, 968
Epoxidized natural rubber, 1561
Epoxy resin, 611, 2382
Epoxy siloxane, 946
Epoxy/smectite nanocomposites, 2499
Esterification, 149
Ethyl cellulose, 1292
Ethylene–acrylic acid copolymer, 2242
Ethylene vinyl alcohol, 1333, 1371
EVAL, 1371
Even-odd nylon, 1637
EVOH, 2060
Expansion space, 390
Extensional viscosity, 705
Extrusion, 604, 1553

Fenton's reagent, 2335
Fibers, 65, 310, 507, 1090, 1227, 1292, 1401, 1621, 1750, 1795, 1995, 2047, 2118, 2279
Fibrils, 1702
Fillers, 44, 916
Films, 545, 721, 1082, 1176, 1702, 2242, 2357
Flame retardance, 185, 366, 844, 1776, 1948, 2311, 2375
Flory's theory, 1
Fluorescence, 2067
Fluorescent dye, 455
Fluorinated acrylate, 2192
Fluoropolymers, 1736, 2054
Fly ash, 171
Foam extrusion, 366, 1880
Foams, 1090, 1899
Fourier transform IR, 103
Fracture, 1763
Free-radical polymerization, 358
Free volume theory, 1401
FTIR, 449, 584, 761, 924, 1227, 1284, 1395, 1714, 1953, 1987, 2161, 2450
FTIR spectroscopy, 766
Fullerene–maleic anhydride copolymer, 2182
Functionalization, 761, 766, 2299
Functionalization of polymers, 248, 336, 1227, 2026, 2097

Gallium, 2330
Gas permeation, 1361
Gelation time, 1
Gel permeation chromatography, 2364
Gels, 20, 38, 433, 648, 903, 968, 2215
Glass transition, 336, 443, 793, 1418, 1467, 1825, 1875, 2221
Glass transition temperature, 123, 1941
Gloss, 1818
Gloves, 775
Glycidol, 1462
Glycidyl methacrylate, 2469
Glycol dibenzoates, 822
GPC, 232
Graft copolymers, 158, 1033, 1097, 1248, 1659, 1688, 1795, 2105, 2186, 2230
Grafting, 449, 867, 1426, 2335
Graft polymerization, 2112
Graphite, 51
Growth, 2005

Hardness, 426, 1835
HDPE, 761, 766
Heat energy storage, 1755
Heat sealing temperature, 753
Heat treatment, 103
Henry mode sorption, 1771
Heteroatom-containing polymer, 1377, 1484
Hexafluoroisopropylidene, 1736
High ortho, 652
High-performance liquid chromatography, 2364
High performance polymers, 1377, 2097
High pressure, 405
High temperature materials, 1484
HNBR, 1432
Hybrid, 1316
Hydrogel, 1931, 2215, 2457
Hydrogenated bisphenol-A glycidyl ether, 1395
Hydrogen bonds, 813
Hydroperoxide, 2097
Hydrophilicity, 952
Hydrophilic polymers, 149, 433, 939, 1097, 1213, 2215
Hyperbranched, 293, 1462, 1522
Hyperbranched polymers, 1941, 2299
Hypochlorite treatment, 227

Imaging, 136
Immersion behaviors, 2192
Impact modifiers, 475
Impact resistance, 2256
Impregnation, 545
Inclusion chemistry, 2364
Indium, 2330
Infrared spectroscopy, 513, 813
Injection molding, 1090
Inorganic core, 72
Inorganic/organic hybrid, 1714
In situ polymerization, 1326, 1755
Intercalation, 855
Interchange reactions, 564
Interfaces, 1082
Interface sheer stress, 449
Interpenetrating networks (IPN), 1855, 1931, 2407
Intumescence, 366
Ion exchangers, 930, 2457
Ionic polymers, 1298
Iron catalyst, 165
IR spectroscopy, 92
Isotactic, 1744
Isotactic polypropylene, 2319
Itaconic acid, 1115

Kinetic equation, 1167
Kinetics, 265, 426, 595, 659, 1284, 1345, 1970, 2076
Kinetic scheme, 1977
Kinetics of structure formation, 2499

Kinetics (polym.), 240, 358, 527, 671, 784, 1051, 1621, 1652, 1695, 1795, 2005, 2399

Latices, 733, 1681, 1804
Light color, 1352
Light scattering, 721, 1432, 1710, 2364
Lignin, 924, 1875
Lignocellulosics, 1237
Linear low-density polyethylene/low-density polyethylene blends, 2488
Linseed oil, 825
Linseed oil monoglyceride, 825
Liquid-crystalline polymers (LCP), 1196, 1626, 2392
Listeria monocytogenes, 485
Lithography, 25, 2286
Living polymerization, 989, 2230
Long alkyl side chain, 1771
Low-density polyethylene blend, 1125
Low-energy impact, 2256
Lubrication property, 2182

Macroporous epoxy–polyamide chelating resin, 2330
MALDI, 627
Mass spectrometry, 627
Mechanical properties, 348, 475, 604, 640, 753, 825, 910, 916, 924, 1090, 1139, 1154, 1513, 1545, 1561, 1644, 1776, 1783, 1855, 2014, 2032, 2168, 2311, 2375, 2382, 2407, 2488, 2499
Mechanism, 761, 766
Medical textiles, 1227
Melt, 1586, 1667, 2118
Melting point, 1970
Membrane characterization, 1307
Membranes, 227, 466, 620, 939, 976, 1213, 1590, 1771, 1891, 2088
Metal ion, 1385
Metallocene catalyst, 1632
Metal–polymer complexes, 930, 952, 2457
Methyl acrylate, 1977
Methyl benzoate, 822
Microcapsule, 390, 1755
Microcrystalline cellulose, 2014
Microencapsulation, 390, 682
Microorganism, 2273
Microspectrophotometry, 65
Microspheres, 1115, 1574
Microstructure, 957, 1125, 2319
Microwave irradiation, 1266, 2072
Miniemulsions, 745
Miscibility, 25, 1561, 1763, 2439
Mixed solvent, 2469
Mixing, 128, 136
MMA, 2105
Mobility, 867
Modeling, 25, 248, 1621, 1855, 2032, 2256, 2382
Modification, 44, 837, 867, 2047, 2242
Modulus, 272, 310, 1504
Moisture sorption, 507
Molar mass distribution, 627
Molding, 2286
Molding powder, 1065
Molecular imprinting, 620
Molecular mass, 886, 2249
Molecular recognition, 620
Monoglyceride maleates, 825
Monomer concentration, 1016
Monomers, 721, 886, 1688, 1753
Morphology, 51, 218, 227, 466, 575, 753, 1001, 1038, 1220, 1292, 1426, 1561, 1681, 1702, 1725, 1744, 1868, 1922, 2014
Multiscale, 1038

Nanoball, 2182
Nanocomposites, 1, 51, 92, 201, 218, 300, 348, 366, 844, 855, 1033, 1051, 1316, 1538, 1667, 1835, 1868, 1907, 2060, 2175, 2340, 2350, 2375, 2382
Nanolayers, 1771
Nanoparticles, 1279, 2357
Nanotechnology, 775, 1292
Natural color printing, 559
Natural rubber, 1139, 1498, 2197
N-docosyl acrylate, 2147
Neat BMI, 2238
Network, 1632, 1812
Network parameters, 80
Neutron activation analysis, 2476
Nickel, 128
N-isopropylacrylamide, 1115, 2469
Nitrile rubber, 1561
NLO, 2067
NMR, 513, 1644, 1681, 2161
Novolac, 652
Novolak resin, 1065
Nylon, 532, 620, 666, 671, 1586
Nylon 6, 1326

O-cresol formaldehyde epoxy resin, 1626
Octane, 397
Oil sorbers, 80
Olefin, 1632
Oligomers, 1652
Optical properties, 721
Organic montmorillonite nanocomposites, 872
Organoclay, 1667
Orientation, 272, 532, 1812
Oriented polypropylene film (OPP film), 753
Oxazoline, 837
Oxidation, 103
Oxidation inhibitor, 1395
Oxyquinoline, 2067

PAE, 2249
Paper, 2249
Paper–plastic laminating adhesive, 872
Particle nucleation, 745, 2005
Particle size distribution, 149, 682, 745, 2340
Payne effect, 1504
PCA, 1220
Peel adhesion, 886
Penetration property, 1755
Peroxide, 322, 766
PHAs, 2132
Phase, 2428
Phase behavior, 1736
Phase change material, 1755
Phase structure, 611
Phenoxy, 878
Photoacoustic spectroscopy, 1491
Photochemistry, 25, 358, 1209
Photografting, 2469
Photoinduced intermolecular electron transfer (PET), 358
Photoinitiator system, 1016
Photopolymerization, 185, 358, 426, 1016, 1345, 1574, 1776, 2026, 2264, 2286
Photoresist, 2350
Photosensitive, 2350
Photosensitizer, 1345
PHU, 2132
Plasma, 2112
Plasma polymerization, 2088
Plastic films, 1266
Plasticized PVC films, 822
Plasticizer, 2306
Plastics, 366
PMMH, 1082
Polar and nonpolar mixed solvents, 1333
Polyacrylic acid, 1410
Polyacrylonitrile, 1284, 2155
Polyamide-6, 850
Polyamide 12, 1605
Polyamideamine-epichlorohydrin, 2249
Polyamide (Nylon), 2476
Polyamides, 564, 957, 1333, 1522, 1771, 2387
Polyaniline, 117, 1498, 1868
Polybenzoxazole, 2350
Polyblend, 1220
Polybutadiene, 1279, 2306
Poly(butylene succinate), 1107, 2273
Polycarbonates, 2340
Polychloroprene, 1545
Polycondensation, 195, 784, 1484
Polycyclic aromatic hydrocarbons, 2299
Polydispersity, 2147
Polyelectrolytes, 316
Polyesteramide, 1818
Polyester composites, 171
Polyester-melamine, 518

Polyesters, 513, 518, 564, 784, 1069, 1237, 1361, 1795, 1855, 1961, 2168, 2428
Poly(ether nitrile), 1987
Poly(3,4-ethylenedioxythiophene), 1326
Poly(ethylene glycol), 485
Poly(ethylene imine), 65
Polyethylene-octene elastomer, 1915
Polyethylene (PE), 51, 103, 272, 310, 397, 413, 449, 837, 893, 1008, 1097, 1333, 1995
Poly(ethylene terephthalate) (PET), 878, 1326
Poly(3-hexylthiophene), 1848
Polyimides, 20, 1176, 1352, 1377, 2088
Poly(isothianaphthene), 1848
Polymer, 2306
Polymer blends, 813, 2140
Polymer catalyst, 2469
Polymerization shrinkage, 2306
Polymerization–viscosity model, 733
Polymer–metal ion complexes, 1385
Polymer shell, 72
Poly(methyl methacrylate), 2175
Poly(*n*-docosyl acrylate), 2140
Poly(N-isopropylacrylamide) gel, 405
Polyolefins, 2311
Polyoxyethylene glycol, 545
Polyphenol, 2439
Polyphosphazenes, 939
Poly(propylene) (PP), 218, 232, 475, 532, 575, 797, 1008, 1090, 1154, 1476, 1553, 1667, 1744, 1907, 1915, 1922, 2311, 2375
Polypyrrole, 117, 711, 1170, 1410
Poly[*(R)*-3-hydroxybutyrate], 2439
Polysaccharides, 257
Polysiloxanes, 1161, 1196, 1484, 2392
Polystyrene, 201, 575, 682, 1538, 1632, 1659, 1835
Polytetrafluoroethylene, 2054
Poly(trimethylene terephthalate), 705, 1326
Polyurethane ionomer, 455
Polyurethanes, 300, 518, 1307, 1855, 1961
Poly (vinyl alcohol), 2335
Poly(vinylidene fluoride), 466
Poly(4-vinylpyridine) (PVP), 1875
Polyvinylpyrrolidone, 2026
Pore structure, 862
Porous polyethylene films, 1410
Positive temperature coefficient effect, 1848
Preconcentration, 2330
Prepreg, 2238
Pressure-sensitive adhesive, 886
Priming, 2054
Processing, 136, 300, 413, 666, 2279
Property, 466
Propyl maleimide, 1941
Proteins, 158, 1644
PSt, 2112
P-T phase diagram, 405
PU hybrid, 550
PVA, 1783, 2186
PVC, 850, 2105
Pyrolle, 1167
Pyrotechnics, 2054

Quaternary ammonium group, 2186

Radiation, 1426
Radiation grafting, 1418
Radical polymerization, 721, 1688, 2286, 2364
Radical scavenger, 2097
Rate constant, 862
Reactive extrusion, 1605
Rectorite, 1915
Recycling, 208, 1209
Reinforcement, 475
Relaxation, 1184, 1522
Relaxation process, 1371
Removable, 886
Renewable resources, 2264
Resins, 265, 443, 507, 584, 595, 652, 691, 930, 1385, 1442, 1467, 1776, 1818, 2097, 2450
Restitution coefficient, 2256
Rheology, 527, 666, 837, 1254, 1432, 1586, 1702, 1825, 1915, 2125, 2499
Rice husk, 1237
Ring-opening polymerization, 1574
Ritter reaction, 2264
Rubber, 208, 775, 844, 903, 1545, 1804, 1825, 2399

Saponification, 761
SAXS, 300
SBS, 1248
Screening, 2273
Seawater, 1385
SEC-MALS, 2249
Self-curing, 550
SEM, 2105
Semi-aromatic transparent polyamide, 1586
Semi-interpenetrating network, 1725
Separation, 2330
Separation techniques, 620, 1202, 1590
Shear viscosity, 705
Silica nanoparticles, 2382
Silicas, 20, 1545, 1316, 1835, 1948
Silicones, 711, 1504
Simulations, 136, 1038, 2060
Smectic liquid crystalline, 498
Sol–gel, 1316
Solid state, 575
Solid-state polymerization, 671
Solubility, 1145
Solution properties, 60, 316, 1145, 1891
Solvent of polysaccharide, 1710
Solvent soluble polyimide, 165
Spatial confinement, 2319
Specific interactions, 1953
Spherulites, 2319
5-SSDMI, 1220
Stabilization, 952, 1125, 1695, 2047, 2387
Stainless steel, 485
Starch, 1783
Stiffness, 2168
Strength, 44, 1467
Stress, 272, 910
Structural diffusion resistance constant, 862
Structure, 518, 903, 1907
Structure-property relations, 300, 390, 1763, 2299
Styrene–butadiene rubber, 924
Sulfuric acid, 2476
Superabsorbent, 855
Supercritical fluids, 1736
Supports, 8
Surface amination, 2418
Surface free energy, 2192
Surface modification, 1574, 2112
Surfaces, 158, 893, 2026, 2088, 2230, 2242
Surface treatments, 475
Surfactants, 60, 397, 1170
Suspension polymerization, 2340
Swelling, 775, 939, 1033, 1082, 1184, 1804
Syndiotactic, 1659
Synthesis, 60, 195, 336, 498, 659, 691, 733, 1484, 2161, 2350, 2357, 2392
Synthetic *cis*-1, 4 polyisoprene, 1139

TEM, 1001
Temperature-responsive character, 2469
Temperature rising elution fractionation (TREF), 232
Temperature sensor, 1125
Tension, 282
Terminal functionalization, 2067
TGA, 1725, 2076
Theory, 793
Thermal analysis, 1498
Thermal behavior, 2499
Thermal diffusion, 1491
Thermal properties, 293, 310, 390, 825, 878, 910, 1352, 1915, 1970, 2387
Thermal stability, 867, 1875
Thermodynamics, 952, 1145, 1621
Thermogravimetric analysis, 1953, 1987
Thermogravimetric analysis (TGA), 185, 348, 946, 1714, 1776, 2140
Thermolysis, 766
Thermoplastic polyurethane, 1316
Thermoplastics, 1401
Thermosets, 443, 916, 936, 2221
Thin films, 38, 1001, 1261, 1812
Three-dimensional fabrics, 507

Titania, 1714
Titanium, 2330
Titanium dioxide, 2112
Toughening, 1626
Toughness, 413
Trace, 1385
Transition metal catalyst, 2147
Transition volume and heat, 405
Transparency, 1395, 1586
Tribological behavior, 38
Triethoxysilyl-terminated polycaprolactone elastomer, 611
Trimerization, 1987
Trimethylol propane trimethacrylate, 968
Turbostratic-oriented graphite structure, 165
Twin screw extruder, 1605

Ultrafiltration, 227, 976, 1307
Ultrahigh molecular weight polyethylene, 103
Ultrasound vibration, 1553
Ultraviolet-radiation, 1977
Unidirectional, 1038
UNIFAC, 1145
Unsaturated polyester, 1
Urea-formaldehyde (UF) resins, 377
Urea-melamine-formaldehyde (UMF) resins, 377
Urea/NaOH aqueous solution, 1710
Urethane, 1069
UV-barrier, 1024
UV-vis spectroscopy, 143

Vanadium, 2330
Vinyl monomers, 2335
Viscoelastic properties, 1522, 1825, 1995, 2032, 2125, 2197
Viscoplasticity, 2032
Viscosity, 282, 316, 527, 745, 886, 1401, 2476
Visible light-cured dental resin, 1016
Voids, 2311
Vulcanization, 924, 1804

Waste, 208
Water-borne, 886
Water purification, 2299
Water solubility, 2182
Water-soluble monomer, 2186
Water-soluble polymers, 316, 1161, 1590, 2286
Water structure, 92
Water uptake, 92
WAXD, 240
Wet strength, 2249
Wood, 1948

X-ray diffraction, 2140
X-RD, 1868

Yielding, 2032

Ziegler–Natta polymerization, 1744